

すきプリ 中学数学

正負の数 四則計算【かっこあり】

もくじ

四則計算【加減乗除】

四則計算【累乗を含む】

四則計算【まとめ】

問題

計算順序に気をつけて計算しましょう。

①

$$\left(+\frac{13}{16}\right) \div (26 \div 20)$$

②

$$73 - (7 + 77)$$

③

$$(+15) \times \{(-20) + 21\}$$

④

$$-36 \div \{(+69) - 78\}$$

⑤

$$\left\{\frac{3}{4} + \left(-\frac{9}{8}\right)\right\} \div \left(+\frac{1}{4}\right)$$

⑥

$$86 \div \left\{\left(+\frac{7}{9}\right) \times \frac{9}{7}\right\}$$

1

$$\begin{aligned}
 & \left(+\frac{13}{16}\right) \div (26 \div 20) \\
 = & \left(+\frac{13}{16}\right) \div \left(26 \times \frac{1}{20}\right) \\
 = & \left(+\frac{13}{16}\right) \div \frac{13}{10} \\
 = & \frac{13}{16} \times \frac{10}{13} \\
 = & \frac{5}{8}
 \end{aligned}$$

2

$$\begin{aligned}
 & 73 - (7 + 77) \\
 = & 73 - 84 \\
 = & -11
 \end{aligned}$$

3

$$\begin{aligned}
 & (+15) \times \{(-20) + 21\} \\
 = & (+15) \times 1 \\
 = & 15
 \end{aligned}$$

4

$$\begin{aligned}
 & -36 \div \{(+69) - 78\} \\
 = & -36 \div (-9) \\
 = & 4
 \end{aligned}$$

5

$$\begin{aligned}
 & \left\{\frac{3}{4} + \left(-\frac{9}{8}\right)\right\} \div \left(+\frac{1}{4}\right) \\
 = & -\frac{3}{8} \div \left(+\frac{1}{4}\right) \\
 = & -\frac{3}{8} \times 4 \\
 = & -\frac{3}{2}
 \end{aligned}$$

6

$$\begin{aligned}
 & 86 \div \left\{\left(+\frac{7}{9}\right) \times \frac{9}{7}\right\} \\
 = & 86 \div 1 \\
 = & 86
 \end{aligned}$$

7

$$-\frac{4}{5} - \left(-\frac{17}{20} + \frac{7}{12}\right)$$

8

$$\left(+\frac{14}{9}\right) \div \left\{-\frac{19}{5} - \left(-\frac{9}{5}\right)\right\}$$

9

$$\left(+\frac{17}{3}\right) \div \left\{\left(-\frac{1}{5}\right) \div \left(+\frac{9}{5}\right)\right\}$$

10

$$\left\{\left(+\frac{7}{9}\right) - \left(+\frac{4}{9}\right)\right\} \times \left(+\frac{7}{4}\right)$$

11

$$-64 - \{(-67) + 56\}$$

12

$$(+97) - \{(-12) - (-9)\}$$

7

$$\begin{aligned}
 & -\frac{4}{5} - \left(-\frac{17}{20} + \frac{7}{12}\right) \\
 = & -\frac{4}{5} - \left(-\frac{4}{15}\right) \\
 = & -\frac{4}{5} + \frac{4}{15} \\
 = & -\frac{8}{15}
 \end{aligned}$$

8

$$\begin{aligned}
 & \left(+\frac{14}{9}\right) \div \left\{-\frac{19}{5} - \left(-\frac{9}{5}\right)\right\} \\
 = & \left(+\frac{14}{9}\right) \div \left(-\frac{19}{5} + \frac{9}{5}\right) \\
 = & \left(+\frac{14}{9}\right) \div (-2) \\
 = & \frac{14}{9} \times \left(-\frac{1}{2}\right) \\
 = & -\frac{7}{9}
 \end{aligned}$$

9

$$\begin{aligned}
 & \left(+\frac{17}{3}\right) \div \left\{\left(-\frac{1}{5}\right) \div \left(+\frac{9}{5}\right)\right\} \\
 = & \left(+\frac{17}{3}\right) \div \left(-\frac{1}{5} \times \frac{5}{9}\right) \\
 = & \left(+\frac{17}{3}\right) \div \left(-\frac{1}{9}\right) \\
 = & \frac{17}{3} \times (-9) \\
 = & -51
 \end{aligned}$$

10

$$\begin{aligned}
 & \left\{\left(+\frac{7}{9}\right) - \left(+\frac{4}{9}\right)\right\} \times \left(+\frac{7}{4}\right) \\
 = & \left\{\left(+\frac{7}{9}\right) - \frac{4}{9}\right\} \times \left(+\frac{7}{4}\right) \\
 = & \frac{1}{3} \times \left(+\frac{7}{4}\right) \\
 = & \frac{7}{12}
 \end{aligned}$$

11

$$\begin{aligned}
 & -64 - \{(-67) + 56\} \\
 = & -64 - (-11) \\
 = & -64 + 11 \\
 = & -53
 \end{aligned}$$

12

$$\begin{aligned}
 & (+97) - \{(-12) - (-9)\} \\
 = & (+97) - \{(-12) + 9\} \\
 = & (+97) - (-3) \\
 = & (+97) + 3 \\
 = & 100
 \end{aligned}$$

13

$$-19 - \{(-14) + (-68)\}$$

14

$$(-60) - \{-96 - (-25)\}$$

15

$$-\frac{11}{12} \div \left\{ \left(+\frac{11}{9} \right) - \frac{2}{9} \right\}$$

16

$$-62 - \{14 + (+17)\}$$

17

$$\left\{ \left(-\frac{10}{7} \right) + \frac{3}{7} \right\} \times \left(+\frac{15}{7} \right)$$

18

$$\{-2 - (-77)\} \times \frac{13}{5}$$

13

$$\begin{aligned}
 & -19 - \{(-14) + (-68)\} \\
 & = -19 - (-82) \\
 & = -19 + 82 \\
 & = 63
 \end{aligned}$$

14

$$\begin{aligned}
 & (-60) - \{-96 - (-25)\} \\
 & = (-60) - (-96 + 25) \\
 & = (-60) - (-71) \\
 & = (-60) + 71 \\
 & = 11
 \end{aligned}$$

15

$$\begin{aligned}
 & -\frac{11}{12} \div \left\{ \left(+\frac{11}{9} \right) - \frac{2}{9} \right\} \\
 & = -\frac{11}{12} \div 1 \\
 & = -\frac{11}{12} \times 1 \\
 & = -\frac{11}{12}
 \end{aligned}$$

16

$$\begin{aligned}
 & -62 - \{14 + (+17)\} \\
 & = -62 - 31 \\
 & = -93
 \end{aligned}$$

17

$$\begin{aligned}
 & \left\{ \left(-\frac{10}{7} \right) + \frac{3}{7} \right\} \times \left(+\frac{15}{7} \right) \\
 & = -1 \times \left(+\frac{15}{7} \right) \\
 & = -\frac{15}{7}
 \end{aligned}$$

18

$$\begin{aligned}
 & \{-2 - (-77)\} \times \frac{13}{5} \\
 & = (-2 + 77) \times \frac{13}{5} \\
 & = 75 \times \frac{13}{5} \\
 & = 195
 \end{aligned}$$

19

$$\left(-\frac{19}{18}\right) \times \{(-89) + (-37)\}$$

20

$$31 - \{69 + (+99)\}$$

21

$$2 - \{(+74) - (-47)\}$$

22

$$-51 - \{-67 - (-97)\}$$

23

$$\left(+\frac{8}{13}\right) \times \{-66 + (+1)\}$$

24

$$-96 \div \{-47 + (-13)\}$$

19

$$\begin{aligned} & \left(-\frac{19}{18}\right) \times \{(-89) + (-37)\} \\ &= \left(-\frac{19}{18}\right) \times (-126) \\ &= 133 \end{aligned}$$

20

$$\begin{aligned} & 31 - \{69 + (+99)\} \\ &= 31 - 168 \\ &= -137 \end{aligned}$$

21

$$\begin{aligned} & 2 - \{(+74) - (-47)\} \\ &= 2 - \{(+74) + 47\} \\ &= 2 - 121 \\ &= -119 \end{aligned}$$

22

$$\begin{aligned} & -51 - \{-67 - (-97)\} \\ &= -51 - (-67 + 97) \\ &= -51 - 30 \\ &= -81 \end{aligned}$$

23

$$\begin{aligned} & \left(+\frac{8}{13}\right) \times \{-66 + (+1)\} \\ &= \left(+\frac{8}{13}\right) \times (-65) \\ &= -40 \end{aligned}$$

24

$$\begin{aligned} & -96 \div \{-47 + (-13)\} \\ &= -96 \div (-60) \\ &= -96 \times \left(-\frac{1}{60}\right) \\ &= \frac{8}{5} \end{aligned}$$

25

$$\left(-2 + \frac{17}{8}\right) \times (+24)$$

26

$$-\frac{2}{5} \times \left(\frac{18}{5} - \frac{13}{5}\right)$$

27

$$-\frac{11}{14} \div \left(-\frac{7}{2} + 3\right)$$

28

$$-1 - \left\{\left(-\frac{11}{9}\right) + \left(+\frac{2}{3}\right)\right\}$$

29

$$54 - \{(-72) - 56\}$$

30

$$(-34) \div \left\{\left(+\frac{13}{3}\right) \times \left(-\frac{3}{13}\right)\right\}$$

25

$$\begin{aligned} & \left(-2 + \frac{17}{8}\right) \times (+24) \\ &= \frac{1}{8} \times (+24) \\ &= 3 \end{aligned}$$

26

$$\begin{aligned} & -\frac{2}{5} \times \left(\frac{18}{5} - \frac{13}{5}\right) \\ &= -\frac{2}{5} \times 1 \\ &= -\frac{2}{5} \end{aligned}$$

27

$$\begin{aligned} & -\frac{11}{14} \div \left(-\frac{7}{2} + 3\right) \\ &= -\frac{11}{14} \div \left(-\frac{1}{2}\right) \\ &= -\frac{11}{14} \times (-2) \\ &= \frac{11}{7} \end{aligned}$$

28

$$\begin{aligned} & -1 - \left\{\left(-\frac{11}{9}\right) + \left(+\frac{2}{3}\right)\right\} \\ &= -1 - \left(-\frac{5}{9}\right) \\ &= -1 + \frac{5}{9} \\ &= -\frac{4}{9} \end{aligned}$$

29

$$\begin{aligned} & 54 - \{(-72) - 56\} \\ &= 54 - (-128) \\ &= 54 + 128 \\ &= 182 \end{aligned}$$

30

$$\begin{aligned} & (-34) \div \left\{\left(+\frac{13}{3}\right) \times \left(-\frac{3}{13}\right)\right\} \\ &= (-34) \div (-1) \\ &= 34 \end{aligned}$$

①

$$(-6) \times \{-62 + (+43)\}$$

②

$$-\frac{14}{19} \times \{(-67) - 28\}$$

③

$$\frac{15}{8} \div \left\{ \left(-\frac{14}{3} \right) \times \left(+\frac{3}{8} \right) \right\}$$

④

$$\left(+\frac{13}{3} \right) \times \left\{ -\frac{19}{8} - (-2) \right\}$$

⑤

$$\frac{12}{13} \div \left\{ \frac{3}{7} + \left(+\frac{11}{7} \right) \right\}$$

⑥

$$-\frac{7}{15} \div \{-77 - (-78)\}$$

1

$$\begin{aligned}
 & (-6) \times \{-62 + (+43)\} \\
 & = (-6) \times (-19) \\
 & = 114
 \end{aligned}$$

2

$$\begin{aligned}
 & -\frac{14}{19} \times \{(-67) - 28\} \\
 & = -\frac{14}{19} \times (-95) \\
 & = 70
 \end{aligned}$$

3

$$\begin{aligned}
 & \frac{15}{8} \div \left\{ \left(-\frac{14}{3}\right) \times \left(+\frac{3}{8}\right) \right\} \\
 & = \frac{15}{8} \div \left(-\frac{7}{4}\right) \\
 & = \frac{15}{8} \times \left(-\frac{4}{7}\right) \\
 & = -\frac{15}{14}
 \end{aligned}$$

4

$$\begin{aligned}
 & \left(+\frac{13}{3}\right) \times \left\{-\frac{19}{8} - (-2)\right\} \\
 & = \left(+\frac{13}{3}\right) \times \left(-\frac{19}{8} + 2\right) \\
 & = \left(+\frac{13}{3}\right) \times \left(-\frac{3}{8}\right) \\
 & = -\frac{13}{8}
 \end{aligned}$$

5

$$\begin{aligned}
 & \frac{12}{13} \div \left\{ \frac{3}{7} + \left(+\frac{11}{7}\right) \right\} \\
 & = \frac{12}{13} \div 2 \\
 & = \frac{12}{13} \times \frac{1}{2} \\
 & = \frac{6}{13}
 \end{aligned}$$

6

$$\begin{aligned}
 & -\frac{7}{15} \div \{-77 - (-78)\} \\
 & = -\frac{7}{15} \div (-77 + 78) \\
 & = -\frac{7}{15} \div 1 \\
 & = -\frac{7}{15} \times 1 \\
 & = -\frac{7}{15}
 \end{aligned}$$

7

$$-20 \div \left\{ -\frac{2}{5} \times (+70) \right\}$$

8

$$(+2) \div \{15 \div (+6)\}$$

9

$$\left(+\frac{4}{5}\right) \div \left\{ \frac{3}{7} + \left(+\frac{11}{7}\right) \right\}$$

10

$$-91 - \{(+79) + (+15)\}$$

11

$$\left(+\frac{7}{16}\right) \div \left\{ \left(+\frac{17}{20}\right) \times \left(-\frac{10}{17}\right) \right\}$$

12

$$-\frac{8}{15} - \{(+55) + (-56)\}$$

7

$$\begin{aligned}
 & -20 \div \left\{ -\frac{2}{5} \times (+70) \right\} \\
 & = -20 \div (-28) \\
 & = -20 \times \left(-\frac{1}{28} \right) \\
 & = \frac{5}{7}
 \end{aligned}$$

8

$$\begin{aligned}
 & (+2) \div \{15 \div (+6)\} \\
 & = (+2) \div \left(15 \times \frac{1}{6} \right) \\
 & = (+2) \div \frac{5}{2} \\
 & = 2 \times \frac{2}{5} \\
 & = \frac{4}{5}
 \end{aligned}$$

9

$$\begin{aligned}
 & \left(+\frac{4}{5} \right) \div \left\{ \frac{3}{7} + \left(+\frac{11}{7} \right) \right\} \\
 & = \left(+\frac{4}{5} \right) \div 2 \\
 & = \frac{4}{5} \times \frac{1}{2} \\
 & = \frac{2}{5}
 \end{aligned}$$

10

$$\begin{aligned}
 & -91 - \{(+79) + (+15)\} \\
 & = -91 - 94 \\
 & = -185
 \end{aligned}$$

11

$$\begin{aligned}
 & \left(+\frac{7}{16} \right) \div \left\{ \left(+\frac{17}{20} \right) \times \left(-\frac{10}{17} \right) \right\} \\
 & = \left(+\frac{7}{16} \right) \div \left(-\frac{1}{2} \right) \\
 & = \frac{7}{16} \times (-2) \\
 & = -\frac{7}{8}
 \end{aligned}$$

12

$$\begin{aligned}
 & -\frac{8}{15} - \{(+55) + (-56)\} \\
 & = -\frac{8}{15} - (-1) \\
 & = -\frac{8}{15} + 1 \\
 & = \frac{7}{15}
 \end{aligned}$$

13

$$(-78) - \left(-\frac{3}{2} + \frac{1}{2}\right)$$

14

$$\frac{13}{2} \times (-80 + 52)$$

15

$$(-74) - \{(+75) - (+77)\}$$

16

$$\{-20 + (-99)\} \div \frac{17}{6}$$

17

$$-43 \times \left\{\left(-\frac{13}{9}\right) - \left(+\frac{5}{9}\right)\right\}$$

18

$$(-81 + 1) \times \left(+\frac{11}{8}\right)$$

13

$$\begin{aligned}
 & (-78) - \left(-\frac{3}{2} + \frac{1}{2}\right) \\
 &= (-78) - (-1) \\
 &= (-78) + 1 \\
 &= -77
 \end{aligned}$$

14

$$\begin{aligned}
 & \frac{13}{2} \times (-80 + 52) \\
 &= \frac{13}{2} \times (-28) \\
 &= -182
 \end{aligned}$$

15

$$\begin{aligned}
 & (-74) - \{(+75) - (+77)\} \\
 &= (-74) - \{(+75) - 77\} \\
 &= (-74) - (-2) \\
 &= (-74) + 2 \\
 &= -72
 \end{aligned}$$

16

$$\begin{aligned}
 & \{-20 + (-99)\} \div \frac{17}{6} \\
 &= -119 \div \frac{17}{6} \\
 &= -119 \times \frac{6}{17} \\
 &= -42
 \end{aligned}$$

17

$$\begin{aligned}
 & -43 \times \left\{\left(-\frac{13}{9}\right) - \left(+\frac{5}{9}\right)\right\} \\
 &= -43 \times \left\{\left(-\frac{13}{9}\right) - \frac{5}{9}\right\} \\
 &= -43 \times (-2) \\
 &= 86
 \end{aligned}$$

18

$$\begin{aligned}
 & (-81 + 1) \times \left(+\frac{11}{8}\right) \\
 &= -80 \times \left(+\frac{11}{8}\right) \\
 &= -110
 \end{aligned}$$

19

$$(-60) \div \left\{ \frac{9}{7} \div \left(+\frac{9}{5} \right) \right\}$$

20

$$(+2) \times \{-69 + (+19)\}$$

21

$$-46 - \{(+75) - (+77)\}$$

22

$$-\frac{13}{5} - \{37 + (-39)\}$$

23

$$-50 - \{(-100) - (-43)\}$$

24

$$(+94) \div \left(\frac{8}{11} \times \frac{11}{8} \right)$$

19

$$\begin{aligned}
 & (-60) \div \left\{ \frac{9}{7} \div \left(+\frac{9}{5} \right) \right\} \\
 &= (-60) \div \left(\frac{9}{7} \times \frac{5}{9} \right) \\
 &= (-60) \div \frac{5}{7} \\
 &= -60 \times \frac{7}{5} \\
 &= -84
 \end{aligned}$$

20

$$\begin{aligned}
 & (+2) \times \{-69 + (+19)\} \\
 &= (+2) \times (-50) \\
 &= -100
 \end{aligned}$$

21

$$\begin{aligned}
 & -46 - \{(+75) - (+77)\} \\
 &= -46 - \{(+75) - 77\} \\
 &= -46 - (-2) \\
 &= -46 + 2 \\
 &= -44
 \end{aligned}$$

22

$$\begin{aligned}
 & -\frac{13}{5} - \{37 + (-39)\} \\
 &= -\frac{13}{5} - (-2) \\
 &= -\frac{13}{5} + 2 \\
 &= -\frac{3}{5}
 \end{aligned}$$

23

$$\begin{aligned}
 & -50 - \{(-100) - (-43)\} \\
 &= -50 - \{(-100) + 43\} \\
 &= -50 - (-57) \\
 &= -50 + 57 \\
 &= 7
 \end{aligned}$$

24

$$\begin{aligned}
 & (+94) \div \left(\frac{8}{11} \times \frac{11}{8} \right) \\
 &= (+94) \div 1 \\
 &= 94
 \end{aligned}$$

25

$$-58 \div \left\{ \left(+\frac{8}{13} \right) \div \frac{8}{13} \right\}$$

26

$$31 \div \left\{ -\frac{17}{8} + \left(+\frac{9}{8} \right) \right\}$$

27

$$-1 \div \left\{ \frac{10}{7} \times \left(+\frac{7}{12} \right) \right\}$$

28

$$(+88) \div \left\{ (-1) - \left(-\frac{18}{7} \right) \right\}$$

29

$$-60 \div \{ (-39) + 57 \}$$

30

$$-\frac{1}{6} \div \left\{ \left(+\frac{11}{19} \right) \div \frac{12}{19} \right\}$$

25

$$\begin{aligned}
 & -58 \div \left\{ \left(+\frac{8}{13} \right) \div \frac{8}{13} \right\} \\
 & = -58 \div 1 \\
 & = -58
 \end{aligned}$$

26

$$\begin{aligned}
 & 31 \div \left\{ -\frac{17}{8} + \left(+\frac{9}{8} \right) \right\} \\
 & = 31 \div (-1) \\
 & = -31
 \end{aligned}$$

27

$$\begin{aligned}
 & -1 \div \left\{ \frac{10}{7} \times \left(+\frac{7}{12} \right) \right\} \\
 & = -1 \div \frac{5}{6} \\
 & = -1 \times \frac{6}{5} \\
 & = -\frac{6}{5}
 \end{aligned}$$

28

$$\begin{aligned}
 & (+88) \div \left\{ (-1) - \left(-\frac{18}{7} \right) \right\} \\
 & = (+88) \div \left\{ (-1) + \frac{18}{7} \right\} \\
 & = (+88) \div \frac{11}{7} \\
 & = 88 \times \frac{7}{11} \\
 & = 56
 \end{aligned}$$

29

$$\begin{aligned}
 & -60 \div \{ (-39) + 57 \} \\
 & = -60 \div 18 \\
 & = -60 \times \frac{1}{18} \\
 & = -\frac{10}{3}
 \end{aligned}$$

30

$$\begin{aligned}
 & -\frac{1}{6} \div \left\{ \left(+\frac{11}{19} \right) \div \frac{12}{19} \right\} \\
 & = -\frac{1}{6} \div \left(\frac{11}{19} \times \frac{19}{12} \right) \\
 & = -\frac{1}{6} \div \frac{11}{12} \\
 & = -\frac{1}{6} \times \frac{12}{11} \\
 & = -\frac{2}{11}
 \end{aligned}$$

①

$$(+81) \div \left\{ \left(+\frac{3}{5} \right) \div \frac{2}{15} \right\}$$

②

$$\left(-\frac{2}{15} \right) \times \{ (+65) + (-90) \}$$

③

$$\{ (+56) - (+54) \} \times (-6)$$

④

$$(-5) \div \{ (+87) + (-85) \}$$

⑤

$$\left\{ \left(+\frac{11}{12} \right) - \left(+\frac{11}{6} \right) \right\} \div \left(-\frac{1}{3} \right)$$

⑥

$$(+62) \div (61 + 1)$$

1

$$\begin{aligned}
 & (+81) \div \left\{ \left(+\frac{3}{5} \right) \div \frac{2}{15} \right\} \\
 & = (+81) \div \left(\frac{3}{5} \times \frac{15}{2} \right) \\
 & = (+81) \div \frac{9}{2} \\
 & = 81 \times \frac{2}{9} \\
 & = 18
 \end{aligned}$$

2

$$\begin{aligned}
 & \left(-\frac{2}{15} \right) \times \{ (+65) + (-90) \} \\
 & = \left(-\frac{2}{15} \right) \times (-25) \\
 & = \frac{10}{3}
 \end{aligned}$$

3

$$\begin{aligned}
 & \{ (+56) - (+54) \} \times (-6) \\
 & = \{ (+56) - 54 \} \times (-6) \\
 & = 2 \times (-6) \\
 & = -12
 \end{aligned}$$

4

$$\begin{aligned}
 & (-5) \div \{ (+87) + (-85) \} \\
 & = (-5) \div 2 \\
 & = -5 \times \frac{1}{2} \\
 & = -\frac{5}{2}
 \end{aligned}$$

5

$$\begin{aligned}
 & \left\{ \left(+\frac{11}{12} \right) - \left(+\frac{11}{6} \right) \right\} \div \left(-\frac{1}{3} \right) \\
 & = \left\{ \left(+\frac{11}{12} \right) - \frac{11}{6} \right\} \div \left(-\frac{1}{3} \right) \\
 & = -\frac{11}{12} \div \left(-\frac{1}{3} \right) \\
 & = -\frac{11}{12} \times (-3) \\
 & = \frac{11}{4}
 \end{aligned}$$

6

$$\begin{aligned}
 & (+62) \div (61 + 1) \\
 & = (+62) \div 62 \\
 & = 1
 \end{aligned}$$

7

$$(+63) \div \{-60 + (+24)\}$$

8

$$-\frac{2}{13} \div \left(-\frac{4}{15} + \frac{1}{15}\right)$$

9

$$\left(-\frac{14}{11}\right) \div \{(-7) \div 4\}$$

10

$$-87 - \{86 + (-95)\}$$

11

$$(-48) \times \left\{-\frac{1}{18} - \left(-\frac{11}{9}\right)\right\}$$

12

$$\frac{12}{5} \times \left\{\frac{11}{4} + \left(-\frac{13}{12}\right)\right\}$$

7

$$\begin{aligned}
 & (+63) \div \{-60 + (+24)\} \\
 & = (+63) \div (-36) \\
 & = 63 \times \left(-\frac{1}{36}\right) \\
 & = -\frac{7}{4}
 \end{aligned}$$

8

$$\begin{aligned}
 & -\frac{2}{13} \div \left(-\frac{4}{15} + \frac{1}{15}\right) \\
 & = -\frac{2}{13} \div \left(-\frac{1}{5}\right) \\
 & = -\frac{2}{13} \times (-5) \\
 & = \frac{10}{13}
 \end{aligned}$$

9

$$\begin{aligned}
 & \left(-\frac{14}{11}\right) \div \{(-7) \div 4\} \\
 & = \left(-\frac{14}{11}\right) \div \left(-7 \times \frac{1}{4}\right) \\
 & = \left(-\frac{14}{11}\right) \div \left(-\frac{7}{4}\right) \\
 & = -\frac{14}{11} \times \left(-\frac{4}{7}\right) \\
 & = \frac{8}{11}
 \end{aligned}$$

10

$$\begin{aligned}
 & -87 - \{86 + (-95)\} \\
 & = -87 - (-9) \\
 & = -87 + 9 \\
 & = -78
 \end{aligned}$$

11

$$\begin{aligned}
 & (-48) \times \left\{-\frac{1}{18} - \left(-\frac{11}{9}\right)\right\} \\
 & = (-48) \times \left(-\frac{1}{18} + \frac{11}{9}\right) \\
 & = (-48) \times \frac{7}{6} \\
 & = -56
 \end{aligned}$$

12

$$\begin{aligned}
 & \frac{12}{5} \times \left\{\frac{11}{4} + \left(-\frac{13}{12}\right)\right\} \\
 & = \frac{12}{5} \times \frac{5}{3} \\
 & = 4
 \end{aligned}$$

13

$$(-71) - \{-48 - (-48)\}$$

14

$$-66 - \{-46 + (-36)\}$$

15

$$(+19) - \{10 - (-47)\}$$

16

$$\left(-\frac{3}{10} + \frac{19}{5}\right) \div \left(+\frac{9}{2}\right)$$

17

$$\left(-\frac{2}{3}\right) \div \left\{\frac{18}{7} \times \left(-\frac{2}{9}\right)\right\}$$

18

$$(-48) - \{(+81) - (+64)\}$$

13

$$\begin{aligned}
 & (-71) - \{-48 - (-48)\} \\
 &= (-71) - (-48 + 48) \\
 &= (-71) - 0 \\
 &= -71
 \end{aligned}$$

14

$$\begin{aligned}
 & -66 - \{-46 + (-36)\} \\
 &= -66 - (-82) \\
 &= -66 + 82 \\
 &= 16
 \end{aligned}$$

15

$$\begin{aligned}
 & (+19) - \{10 - (-47)\} \\
 &= (+19) - (10 + 47) \\
 &= (+19) - 57 \\
 &= -38
 \end{aligned}$$

16

$$\begin{aligned}
 & \left(-\frac{3}{10} + \frac{19}{5}\right) \div \left(+\frac{9}{2}\right) \\
 &= \frac{7}{2} \div \left(+\frac{9}{2}\right) \\
 &= \frac{7}{2} \times \frac{2}{9} \\
 &= \frac{7}{9}
 \end{aligned}$$

17

$$\begin{aligned}
 & \left(-\frac{2}{3}\right) \div \left\{\frac{18}{7} \times \left(-\frac{2}{9}\right)\right\} \\
 &= \left(-\frac{2}{3}\right) \div \left(-\frac{4}{7}\right) \\
 &= -\frac{2}{3} \times \left(-\frac{7}{4}\right) \\
 &= \frac{7}{6}
 \end{aligned}$$

18

$$\begin{aligned}
 & (-48) - \{(+81) - (+64)\} \\
 &= (-48) - \{(+81) - 64\} \\
 &= (-48) - 17 \\
 &= -65
 \end{aligned}$$

19

$$\{(+67) + (+13)\} \div \left(+\frac{5}{4}\right)$$

20

$$\left(+\frac{11}{2}\right) \times \{(-20) + 21\}$$

21

$$(-49) \times \left(-\frac{12}{7} + \frac{6}{7}\right)$$

22

$$\{-63 - (-35)\} \div (+32)$$

23

$$(-88) - \{(-94) + (+30)\}$$

24

$$(+21) \div \{-10 - (-46)\}$$

19

$$\begin{aligned} & \{(+67) + (+13)\} \div \left(+\frac{5}{4}\right) \\ &= 80 \div \left(+\frac{5}{4}\right) \\ &= 80 \times \frac{4}{5} \\ &= 64 \end{aligned}$$

20

$$\begin{aligned} & \left(+\frac{11}{2}\right) \times \{(-20) + 21\} \\ &= \left(+\frac{11}{2}\right) \times 1 \\ &= \frac{11}{2} \end{aligned}$$

21

$$\begin{aligned} & (-49) \times \left(-\frac{12}{7} + \frac{6}{7}\right) \\ &= (-49) \times \left(-\frac{6}{7}\right) \\ &= 42 \end{aligned}$$

22

$$\begin{aligned} & \{-63 - (-35)\} \div (+32) \\ &= (-63 + 35) \div (+32) \\ &= -28 \div (+32) \\ &= -28 \times \frac{1}{32} \\ &= -\frac{7}{8} \end{aligned}$$

23

$$\begin{aligned} & (-88) - \{(-94) + (+30)\} \\ &= (-88) - (-64) \\ &= (-88) + 64 \\ &= -24 \end{aligned}$$

24

$$\begin{aligned} & (+21) \div \{-10 - (-46)\} \\ &= (+21) \div (-10 + 46) \\ &= (+21) \div 36 \\ &= 21 \times \frac{1}{36} \\ &= \frac{7}{12} \end{aligned}$$

25

$$-\frac{20}{13} \times \{(-33) - (-20)\}$$

26

$$\{(+36) - 86\} \times \left(+\frac{13}{10}\right)$$

27

$$\{(-82) + (-38)\} \div \left(-\frac{15}{14}\right)$$

28

$$(-92) - \{-18 + (-83)\}$$

29

$$-\frac{11}{15} - \left\{\frac{7}{5} - (+3)\right\}$$

30

$$\left(-\frac{11}{10}\right) \div \{13 - (+2)\}$$

25

$$\begin{aligned}
 & -\frac{20}{13} \times \{(-33) - (-20)\} \\
 = & -\frac{20}{13} \times \{(-33) + 20\} \\
 = & -\frac{20}{13} \times (-13) \\
 = & 20
 \end{aligned}$$

26

$$\begin{aligned}
 & \{(+36) - 86\} \times \left(+\frac{13}{10}\right) \\
 = & -50 \times \left(+\frac{13}{10}\right) \\
 = & -65
 \end{aligned}$$

27

$$\begin{aligned}
 & \{(-82) + (-38)\} \div \left(-\frac{15}{14}\right) \\
 = & -120 \div \left(-\frac{15}{14}\right) \\
 = & -120 \times \left(-\frac{14}{15}\right) \\
 = & 112
 \end{aligned}$$

28

$$\begin{aligned}
 & (-92) - \{-18 + (-83)\} \\
 = & (-92) - (-101) \\
 = & (-92) + 101 \\
 = & 9
 \end{aligned}$$

29

$$\begin{aligned}
 & -\frac{11}{15} - \left\{\frac{7}{5} - (+3)\right\} \\
 = & -\frac{11}{15} - \left(\frac{7}{5} - 3\right) \\
 = & -\frac{11}{15} - \left(-\frac{8}{5}\right) \\
 = & -\frac{11}{15} + \frac{8}{5} \\
 = & \frac{13}{15}
 \end{aligned}$$

30

$$\begin{aligned}
 & \left(-\frac{11}{10}\right) \div \{13 - (+2)\} \\
 = & \left(-\frac{11}{10}\right) \div (13 - 2) \\
 = & \left(-\frac{11}{10}\right) \div 11 \\
 = & -\frac{11}{10} \times \frac{1}{11} \\
 = & -\frac{1}{10}
 \end{aligned}$$

問題

計算順序に気をつけて計算しましょう。

①

$$(+50) - \{-78 - (-3^2)\}$$

②

$$63 - (-5^2 - 86)$$

③

$$-34 - \{-88 - (-3^3)\}$$

④

$$(+63) - \{(-4^2) + (+99)\}$$

⑤

$$(+5) - \left\{ \left(-\frac{5}{2}\right)^2 + (-4) \right\}$$

⑥

$$\{(-2)^2 + (-97)\} \div (+31)$$

1

$$\begin{aligned}
 & (+50) - \{-78 - (-3^2)\} \\
 &= (+50) - \{-78 - (-9)\} \\
 &= (+50) - (-78 + 9) \\
 &= (+50) - (-69) \\
 &= (+50) + 69 \\
 &= 119
 \end{aligned}$$

2

$$\begin{aligned}
 & 63 - (-5^2 - 86) \\
 &= 63 - (-25 - 86) \\
 &= 63 - (-111) \\
 &= 63 + 111 \\
 &= 174
 \end{aligned}$$

3

$$\begin{aligned}
 & -34 - \{-88 - (-3^3)\} \\
 &= -34 - \{-88 - (-27)\} \\
 &= -34 - (-88 + 27) \\
 &= -34 - (-61) \\
 &= -34 + 61 \\
 &= 27
 \end{aligned}$$

4

$$\begin{aligned}
 & (+63) - \{(-4^2) + (+99)\} \\
 &= (+63) - \{-16 + (+99)\} \\
 &= (+63) - 83 \\
 &= -20
 \end{aligned}$$

5

$$\begin{aligned}
 & (+5) - \left\{ \left(-\frac{5}{2}\right)^2 + (-4) \right\} \\
 &= (+5) - \left\{ \frac{25}{4} + (-4) \right\} \\
 &= (+5) - \frac{9}{4} \\
 &= \frac{11}{4}
 \end{aligned}$$

6

$$\begin{aligned}
 & \{(-2)^2 + (-97)\} \div (+31) \\
 &= \{4 + (-97)\} \div (+31) \\
 &= -93 \div (+31) \\
 &= -3
 \end{aligned}$$

7

$$(-55) - \{(+13) + 2^2\}$$

8

$$(-31) - \{(-51) - (-3^4)\}$$

9

$$\left(-\frac{1}{9}\right) \times (-9^2 + 76)$$

10

$$\{(-2)^2 + 52\} \div \left(+\frac{8}{13}\right)$$

11

$$\frac{4}{7} \times (-34 + 3^3)$$

12

$$-52 - (2^6 + 2)$$

7

$$\begin{aligned}
 & (-55) - \{(+13) + 2^2\} \\
 &= (-55) - \{(+13) + 4\} \\
 &= (-55) - 17 \\
 &= -72
 \end{aligned}$$

8

$$\begin{aligned}
 & (-31) - \{(-51) - (-3^4)\} \\
 &= (-31) - \{(-51) - (-81)\} \\
 &= (-31) - \{(-51) + 81\} \\
 &= (-31) - 30 \\
 &= -61
 \end{aligned}$$

9

$$\begin{aligned}
 & \left(-\frac{1}{9}\right) \times (-9^2 + 76) \\
 &= \left(-\frac{1}{9}\right) \times (-81 + 76) \\
 &= \left(-\frac{1}{9}\right) \times (-5) \\
 &= \frac{5}{9}
 \end{aligned}$$

10

$$\begin{aligned}
 & \{(-2)^2 + 52\} \div \left(+\frac{8}{13}\right) \\
 &= (4 + 52) \div \left(+\frac{8}{13}\right) \\
 &= 56 \div \left(+\frac{8}{13}\right) \\
 &= 56 \times \frac{13}{8} \\
 &= 91
 \end{aligned}$$

11

$$\begin{aligned}
 & \frac{4}{7} \times (-34 + 3^3) \\
 &= \frac{4}{7} \times (-34 + 27) \\
 &= \frac{4}{7} \times (-7) \\
 &= -4
 \end{aligned}$$

12

$$\begin{aligned}
 & -52 - (2^6 + 2) \\
 &= -52 - (64 + 2) \\
 &= -52 - 66 \\
 &= -118
 \end{aligned}$$

13

$$(2^2 - 4) \times \left(-\frac{12}{17}\right)$$

14

$$-27 - \{-4^3 + (-57)\}$$

15

$$\left(+\frac{8}{5}\right) \times \left\{\left(\frac{3}{2}\right)^2 - \frac{7}{12}\right\}$$

16

$$-11 - \{(+96) + (-4)^3\}$$

17

$$(+53) - \{(-10^2) - (-30)\}$$

18

$$\{-4^3 + (+59)\} \div 25$$

13

$$\begin{aligned}
 & (2^2 - 4) \times \left(-\frac{12}{17}\right) \\
 &= (4 - 4) \times \left(-\frac{12}{17}\right) \\
 &= 0 \times \left(-\frac{12}{17}\right) \\
 &= 0
 \end{aligned}$$

14

$$\begin{aligned}
 & -27 - \{-4^3 + (-57)\} \\
 &= -27 - \{-64 + (-57)\} \\
 &= -27 - (-121) \\
 &= -27 + 121 \\
 &= 94
 \end{aligned}$$

15

$$\begin{aligned}
 & \left(+\frac{8}{5}\right) \times \left\{\left(\frac{3}{2}\right)^2 - \frac{7}{12}\right\} \\
 &= \left(+\frac{8}{5}\right) \times \left(\frac{9}{4} - \frac{7}{12}\right) \\
 &= \left(+\frac{8}{5}\right) \times \frac{5}{3} \\
 &= \frac{8}{3}
 \end{aligned}$$

16

$$\begin{aligned}
 & -11 - \{(+96) + (-4)^3\} \\
 &= -11 - \{(+96) + (-64)\} \\
 &= -11 - 32 \\
 &= -43
 \end{aligned}$$

17

$$\begin{aligned}
 & (+53) - \{(-10^2) - (-30)\} \\
 &= (+53) - \{-100 - (-30)\} \\
 &= (+53) - (-100 + 30) \\
 &= (+53) - (-70) \\
 &= (+53) + 70 \\
 &= 123
 \end{aligned}$$

18

$$\begin{aligned}
 & \{-4^3 + (+59)\} \div 25 \\
 &= \{-64 + (+59)\} \div 25 \\
 &= -5 \div 25 \\
 &= -5 \times \frac{1}{25} \\
 &= -\frac{1}{5}
 \end{aligned}$$

19

$$\frac{11}{10} \times \{(-8^2) + 24\}$$

20

$$\left(-\frac{3}{2}\right)^2 \times \{(+4) + (-4)^3\}$$

21

$$(-19) - \{(-9) - (-2)^5\}$$

22

$$-7 \times \{-11 - (-2^2)\}$$

23

$$(-61) - \{(-4)^2 - (+6)\}$$

24

$$17 - \{49 + (-2)^3\}$$

19

$$\begin{aligned}
 & \frac{11}{10} \times \{(-8^2) + 24\} \\
 = & \frac{11}{10} \times (-64 + 24) \\
 = & \frac{11}{10} \times (-40) \\
 = & -44
 \end{aligned}$$

20

$$\begin{aligned}
 & \left(-\frac{3}{2}\right)^2 \times \{(+4) + (-4)^3\} \\
 = & \left(-\frac{3}{2}\right)^2 \times \{(+4) + (-64)\} \\
 = & \left(-\frac{3}{2}\right)^2 \times (-60) \\
 = & \frac{9}{4} \times (-60) \\
 = & -135
 \end{aligned}$$

21

$$\begin{aligned}
 & (-19) - \{(-9) - (-2)^5\} \\
 = & (-19) - \{(-9) - (-32)\} \\
 = & (-19) - \{(-9) + 32\} \\
 = & (-19) - 23 \\
 = & -42
 \end{aligned}$$

22

$$\begin{aligned}
 & -7 \times \{-11 - (-2^2)\} \\
 = & -7 \times \{-11 - (-4)\} \\
 = & -7 \times (-11 + 4) \\
 = & -7 \times (-7) \\
 = & 49
 \end{aligned}$$

23

$$\begin{aligned}
 & (-61) - \{(-4)^2 - (+6)\} \\
 = & (-61) - \{16 - (+6)\} \\
 = & (-61) - (16 - 6) \\
 = & (-61) - 10 \\
 = & -71
 \end{aligned}$$

24

$$\begin{aligned}
 & 17 - \{49 + (-2)^3\} \\
 = & 17 - \{49 + (-8)\} \\
 = & 17 - 41 \\
 = & -24
 \end{aligned}$$

25

$$(-9) - \{-73 - (-2^6)\}$$

26

$$(-3^3) - \{(-34) + (-6)^2\}$$

27

$$\{(+62) + (-4^3)\} \times \left(-\frac{1}{14}\right)$$

28

$$(+18) \times \left\{-\frac{4}{9} - \left(-\frac{1}{3}\right)^2\right\}$$

29

$$76 \times \left\{\left(-\frac{1}{3}\right)^2 - \frac{11}{18}\right\}$$

30

$$\left(+\frac{16}{9}\right) \times \left\{\left(-\frac{1}{3}\right)^2 - \frac{11}{18}\right\}$$

25

$$\begin{aligned}
& (-9) - \{-73 - (-2^6)\} \\
&= (-9) - \{-73 - (-64)\} \\
&= (-9) - (-73 + 64) \\
&= (-9) - (-9) \\
&= (-9) + 9 \\
&= 0
\end{aligned}$$

26

$$\begin{aligned}
& (-3^3) - \{(-34) + (-6)^2\} \\
&= (-3^3) - \{(-34) + 36\} \\
&= (-3^3) - 2 \\
&= -27 - 2 \\
&= -29
\end{aligned}$$

27

$$\begin{aligned}
& \{(+62) + (-4^3)\} \times \left(-\frac{1}{14}\right) \\
&= \{(+62) + (-64)\} \times \left(-\frac{1}{14}\right) \\
&= -2 \times \left(-\frac{1}{14}\right) \\
&= \frac{1}{7}
\end{aligned}$$

28

$$\begin{aligned}
& (+18) \times \left\{-\frac{4}{9} - \left(-\frac{1}{3}\right)^2\right\} \\
&= (+18) \times \left(-\frac{4}{9} - \frac{1}{9}\right) \\
&= (+18) \times \left(-\frac{5}{9}\right) \\
&= -10
\end{aligned}$$

29

$$\begin{aligned}
& 76 \times \left\{\left(-\frac{1}{3}\right)^2 - \frac{11}{18}\right\} \\
&= 76 \times \left(\frac{1}{9} - \frac{11}{18}\right) \\
&= 76 \times \left(-\frac{1}{2}\right) \\
&= -38
\end{aligned}$$

30

$$\begin{aligned}
& \left(+\frac{16}{9}\right) \times \left\{\left(-\frac{1}{3}\right)^2 - \frac{11}{18}\right\} \\
&= \left(+\frac{16}{9}\right) \times \left(\frac{1}{9} - \frac{11}{18}\right) \\
&= \left(+\frac{16}{9}\right) \times \left(-\frac{1}{2}\right) \\
&= -\frac{8}{9}
\end{aligned}$$

①

$$-28 - \{8^2 - (+80)\}$$

②

$$\{(-85) + 9^2\} \div (+52)$$

③

$$(-61) - \{(-2)^3 + 73\}$$

④

$$2 \times \{9^2 - (+83)\}$$

⑤

$$-80 - \{(-70) + (-6)^2\}$$

⑥

$$\frac{5}{12} \times \{(-2)^4 + 44\}$$

1

$$\begin{aligned}
& -28 - \{8^2 - (+80)\} \\
& = -28 - \{64 - (+80)\} \\
& = -28 - (64 - 80) \\
& = -28 - (-16) \\
& = -28 + 16 \\
& = -12
\end{aligned}$$

2

$$\begin{aligned}
& \{(-85) + 9^2\} \div (+52) \\
& = \{(-85) + 81\} \div (+52) \\
& = -4 \div (+52) \\
& = -4 \times \frac{1}{52} \\
& = -\frac{1}{13}
\end{aligned}$$

3

$$\begin{aligned}
& (-61) - \{(-2)^3 + 73\} \\
& = (-61) - (-8 + 73) \\
& = (-61) - 65 \\
& = -126
\end{aligned}$$

4

$$\begin{aligned}
& 2 \times \{9^2 - (+83)\} \\
& = 2 \times \{81 - (+83)\} \\
& = 2 \times (81 - 83) \\
& = 2 \times (-2) \\
& = -4
\end{aligned}$$

5

$$\begin{aligned}
& -80 - \{(-70) + (-6)^2\} \\
& = -80 - \{(-70) + 36\} \\
& = -80 - (-34) \\
& = -80 + 34 \\
& = -46
\end{aligned}$$

6

$$\begin{aligned}
& \frac{5}{12} \times \{(-2)^4 + 44\} \\
& = \frac{5}{12} \times (16 + 44) \\
& = \frac{5}{12} \times 60 \\
& = 25
\end{aligned}$$

7

$$(-40) - \{(-4)^2 - (+91)\}$$

8

$$(-3)^2 - \{-2^5 - (+44)\}$$

9

$$(-80 - 2^3) \div \left(+\frac{8}{17}\right)$$

10

$$\{(-64) + (-10)^2\} \times \left(-\frac{3}{4}\right)$$

11

$$-2^5 - \{-2^6 - (+68)\}$$

12

$$(-14) \div \{11 - (-5)^2\}$$

7

$$\begin{aligned}
& (-40) - \{(-4)^2 - (+91)\} \\
&= (-40) - \{16 - (+91)\} \\
&= (-40) - (16 - 91) \\
&= (-40) - (-75) \\
&= (-40) + 75 \\
&= 35
\end{aligned}$$

8

$$\begin{aligned}
& (-3)^2 - \{-2^5 - (+44)\} \\
&= (-3)^2 - \{-32 - (+44)\} \\
&= (-3)^2 - (-32 - 44) \\
&= (-3)^2 - (-76) \\
&= 9 - (-76) \\
&= 9 + 76 \\
&= 85
\end{aligned}$$

9

$$\begin{aligned}
& (-80 - 2^3) \div \left(+\frac{8}{17}\right) \\
&= (-80 - 8) \div \left(+\frac{8}{17}\right) \\
&= -88 \div \left(+\frac{8}{17}\right) \\
&= -88 \times \frac{17}{8} \\
&= -187
\end{aligned}$$

10

$$\begin{aligned}
& \{(-64) + (-10)^2\} \times \left(-\frac{3}{4}\right) \\
&= \{(-64) + 100\} \times \left(-\frac{3}{4}\right) \\
&= 36 \times \left(-\frac{3}{4}\right) \\
&= -27
\end{aligned}$$

11

$$\begin{aligned}
& -2^5 - \{-2^6 - (+68)\} \\
&= -2^5 - \{-64 - (+68)\} \\
&= -2^5 - (-64 - 68) \\
&= -2^5 - (-132) \\
&= -32 - (-132) \\
&= -32 + 132 \\
&= 100
\end{aligned}$$

12

$$\begin{aligned}
& (-14) \div \{11 - (-5)^2\} \\
&= (-14) \div (11 - 25) \\
&= (-14) \div (-14) \\
&= 1
\end{aligned}$$

13

$$\left\{ \left(-\frac{8}{9} \right) + \left(-\frac{1}{3} \right)^2 \right\} \times \left(-\frac{6}{7} \right)$$

14

$$(-84) \div \{ (-2^6) \div (+64) \}$$

15

$$22 - \{ (-2)^3 + (-46) \}$$

16

$$\left(-\frac{13}{15} \right) - \{ (+32) + (-2)^5 \}$$

17

$$(-65) - \{ (+69) + (-3^3) \}$$

18

$$(-80) - (3^2 - 4)$$

13

$$\begin{aligned}
& \left\{ \left(-\frac{8}{9} \right) + \left(-\frac{1}{3} \right)^2 \right\} \times \left(-\frac{6}{7} \right) \\
&= \left\{ \left(-\frac{8}{9} \right) + \frac{1}{9} \right\} \times \left(-\frac{6}{7} \right) \\
&= -\frac{7}{9} \times \left(-\frac{6}{7} \right) \\
&= \frac{2}{3}
\end{aligned}$$

14

$$\begin{aligned}
& (-84) \div \{ (-2^6) \div (+64) \} \\
&= (-84) \div \{ -64 \div (+64) \} \\
&= (-84) \div (-1) \\
&= 84
\end{aligned}$$

15

$$\begin{aligned}
& 22 - \{ (-2)^3 + (-46) \} \\
&= 22 - \{ -8 + (-46) \} \\
&= 22 - (-54) \\
&= 22 + 54 \\
&= 76
\end{aligned}$$

16

$$\begin{aligned}
& \left(-\frac{13}{15} \right) - \{ (+32) + (-2)^5 \} \\
&= \left(-\frac{13}{15} \right) - \{ (+32) + (-32) \} \\
&= \left(-\frac{13}{15} \right) - 0 \\
&= -\frac{13}{15}
\end{aligned}$$

17

$$\begin{aligned}
& (-65) - \{ (+69) + (-3^3) \} \\
&= (-65) - \{ (+69) + (-27) \} \\
&= (-65) - 42 \\
&= -107
\end{aligned}$$

18

$$\begin{aligned}
& (-80) - (3^2 - 4) \\
&= (-80) - (9 - 4) \\
&= (-80) - 5 \\
&= -85
\end{aligned}$$

19

$$(-95) - \{(-2)^4 + (-4)\}$$

20

$$-\frac{7}{6} \times \{-12 - (-2^4)\}$$

21

$$\left(-\frac{3}{7}\right) \times (-7 + 2^3)$$

22

$$\frac{9}{2} - \left\{\left(-\frac{9}{2}\right)^2 - 18\right\}$$

23

$$21 - \{(-8^2) - (-64)\}$$

24

$$\{(-9)^2 + (-91)\} \div 11$$

19

$$\begin{aligned}
 & (-95) - \{(-2)^4 + (-4)\} \\
 &= (-95) - \{16 + (-4)\} \\
 &= (-95) - 12 \\
 &= -107
 \end{aligned}$$

20

$$\begin{aligned}
 & -\frac{7}{6} \times \{-12 - (-2^4)\} \\
 &= -\frac{7}{6} \times \{-12 - (-16)\} \\
 &= -\frac{7}{6} \times (-12 + 16) \\
 &= -\frac{7}{6} \times 4 \\
 &= -\frac{14}{3}
 \end{aligned}$$

21

$$\begin{aligned}
 & \left(-\frac{3}{7}\right) \times (-7 + 2^3) \\
 &= \left(-\frac{3}{7}\right) \times (-7 + 8) \\
 &= \left(-\frac{3}{7}\right) \times 1 \\
 &= -\frac{3}{7}
 \end{aligned}$$

22

$$\begin{aligned}
 & \frac{9}{2} - \left\{\left(-\frac{9}{2}\right)^2 - 18\right\} \\
 &= \frac{9}{2} - \left(\frac{81}{4} - 18\right) \\
 &= \frac{9}{2} - \frac{9}{4} \\
 &= \frac{9}{4}
 \end{aligned}$$

23

$$\begin{aligned}
 & 21 - \{(-8^2) - (-64)\} \\
 &= 21 - \{-64 - (-64)\} \\
 &= 21 - (-64 + 64) \\
 &= 21 - 0 \\
 &= 21
 \end{aligned}$$

24

$$\begin{aligned}
 & \{(-9)^2 + (-91)\} \div 11 \\
 &= \{81 + (-91)\} \div 11 \\
 &= -10 \div 11 \\
 &= -10 \times \frac{1}{11} \\
 &= -\frac{10}{11}
 \end{aligned}$$

25

$$-17 - \{(-2^4) - (+94)\}$$

26

$$(+57) - \{(+53) + (-3)^4\}$$

27

$$\{(+75) + (-2^6)\} \div (+15)$$

28

$$(-62) - \{1 - (-3)^4\}$$

29

$$-26 \div \{(-5)^2 + 79\}$$

30

$$68 - \{(+91) - (-10^2)\}$$

25

$$\begin{aligned}
& -17 - \{(-2^4) - (+94)\} \\
& = -17 - \{-16 - (+94)\} \\
& = -17 - (-16 - 94) \\
& = -17 - (-110) \\
& = -17 + 110 \\
& = 93
\end{aligned}$$

26

$$\begin{aligned}
& (+57) - \{(+53) + (-3)^4\} \\
& = (+57) - \{(+53) + 81\} \\
& = (+57) - 134 \\
& = -77
\end{aligned}$$

27

$$\begin{aligned}
& \{(+75) + (-2^6)\} \div (+15) \\
& = \{(+75) + (-64)\} \div (+15) \\
& = 11 \div (+15) \\
& = 11 \times \frac{1}{15} \\
& = \frac{11}{15}
\end{aligned}$$

28

$$\begin{aligned}
& (-62) - \{1 - (-3)^4\} \\
& = (-62) - (1 - 81) \\
& = (-62) - (-80) \\
& = (-62) + 80 \\
& = 18
\end{aligned}$$

29

$$\begin{aligned}
& -26 \div \{(-5)^2 + 79\} \\
& = -26 \div (25 + 79) \\
& = -26 \div 104 \\
& = -26 \times \frac{1}{104} \\
& = -\frac{1}{4}
\end{aligned}$$

30

$$\begin{aligned}
& 68 - \{(+91) - (-10^2)\} \\
& = 68 - \{(+91) - (-100)\} \\
& = 68 - \{(+91) + 100\} \\
& = 68 - 191 \\
& = -123
\end{aligned}$$

①

$$10^2 - \{-3^3 + (+48)\}$$

②

$$27 - \{(-16) - 2^2\}$$

③

$$\{60 + (-6^2)\} \div \left(+\frac{3}{2}\right)$$

④

$$-\frac{9}{8} \times \left\{ \left(-\frac{16}{9}\right) + \left(-\frac{4}{3}\right)^2 \right\}$$

⑤

$$-22 \div \{-65 - (-4^3)\}$$

⑥

$$\left(+\frac{1}{6}\right) \times \{(-7)^2 - 44\}$$

1

$$\begin{aligned}
& 10^2 - \{-3^3 + (+48)\} \\
&= 10^2 - \{-27 + (+48)\} \\
&= 10^2 - 21 \\
&= 100 - 21 \\
&= 79
\end{aligned}$$

2

$$\begin{aligned}
& 27 - \{(-16) - 2^2\} \\
&= 27 - \{(-16) - 4\} \\
&= 27 - (-20) \\
&= 27 + 20 \\
&= 47
\end{aligned}$$

3

$$\begin{aligned}
& \{60 + (-6^2)\} \div \left(+\frac{3}{2}\right) \\
&= \{60 + (-36)\} \div \left(+\frac{3}{2}\right) \\
&= 24 \div \left(+\frac{3}{2}\right) \\
&= 24 \times \frac{2}{3} \\
&= 16
\end{aligned}$$

4

$$\begin{aligned}
& -\frac{9}{8} \times \left\{ \left(-\frac{16}{9}\right) + \left(-\frac{4}{3}\right)^2 \right\} \\
&= -\frac{9}{8} \times \left\{ \left(-\frac{16}{9}\right) + \frac{16}{9} \right\} \\
&= -\frac{9}{8} \times 0 \\
&= 0
\end{aligned}$$

5

$$\begin{aligned}
& -22 \div \{-65 - (-4^3)\} \\
&= -22 \div \{-65 - (-64)\} \\
&= -22 \div (-65 + 64) \\
&= -22 \div (-1) \\
&= 22
\end{aligned}$$

6

$$\begin{aligned}
& \left(+\frac{1}{6}\right) \times \{(-7)^2 - 44\} \\
&= \left(+\frac{1}{6}\right) \times (49 - 44) \\
&= \left(+\frac{1}{6}\right) \times 5 \\
&= \frac{5}{6}
\end{aligned}$$

7

$$-76 - (2 + 9^2)$$

8

$$2^2 \div (-16 + 8^2)$$

9

$$\{(-5) - 4^2\} \div \left(+\frac{7}{20}\right)$$

10

$$(-61) - \{(-7)^2 - (+99)\}$$

11

$$(-7) - \{-1 - (-8)^2\}$$

12

$$\left(+\frac{9}{2}\right) \times \{-50 - (-2^6)\}$$

7

$$\begin{aligned}
 & -76 - (2 + 9^2) \\
 & = -76 - (2 + 81) \\
 & = -76 - 83 \\
 & = -159
 \end{aligned}$$

8

$$\begin{aligned}
 & 2^2 \div (-16 + 8^2) \\
 & = 2^2 \div (-16 + 64) \\
 & = 2^2 \div 48 \\
 & = 4 \div 48 \\
 & = 4 \times \frac{1}{48} \\
 & = \frac{1}{12}
 \end{aligned}$$

9

$$\begin{aligned}
 & \{(-5) - 4^2\} \div \left(+\frac{7}{20}\right) \\
 & = \{(-5) - 16\} \div \left(+\frac{7}{20}\right) \\
 & = -21 \div \left(+\frac{7}{20}\right) \\
 & = -21 \times \frac{20}{7} \\
 & = -60
 \end{aligned}$$

10

$$\begin{aligned}
 & (-61) - \{(-7)^2 - (+99)\} \\
 & = (-61) - \{49 - (+99)\} \\
 & = (-61) - (49 - 99) \\
 & = (-61) - (-50) \\
 & = (-61) + 50 \\
 & = -11
 \end{aligned}$$

11

$$\begin{aligned}
 & (-7) - \{-1 - (-8)^2\} \\
 & = (-7) - (-1 - 64) \\
 & = (-7) - (-65) \\
 & = (-7) + 65 \\
 & = 58
 \end{aligned}$$

12

$$\begin{aligned}
 & \left(+\frac{9}{2}\right) \times \{-50 - (-2^6)\} \\
 & = \left(+\frac{9}{2}\right) \times \{-50 - (-64)\} \\
 & = \left(+\frac{9}{2}\right) \times (-50 + 64) \\
 & = \left(+\frac{9}{2}\right) \times 14 \\
 & = 63
 \end{aligned}$$

13

$$(+6) - \{(+64) - (-2)^2\}$$

14

$$(58 - 4^3) \times (-28)$$

15

$$\frac{2}{3} - \{(-9^2) + 77\}$$

16

$$(+56) \div \{(+20) - (-2^4)\}$$

17

$$\frac{16}{17} \times \{-10^2 - (-15)\}$$

18

$$-\frac{8}{13} \times \left\{ \left(+\frac{13}{8} \right) - \left(-\frac{1}{2} \right)^2 \right\}$$

13

$$\begin{aligned}
 & (+6) - \{(+64) - (-2)^2\} \\
 &= (+6) - \{(+64) - 4\} \\
 &= (+6) - 60 \\
 &= -54
 \end{aligned}$$

14

$$\begin{aligned}
 & (58 - 4^3) \times (-28) \\
 &= (58 - 64) \times (-28) \\
 &= -6 \times (-28) \\
 &= 168
 \end{aligned}$$

15

$$\begin{aligned}
 & \frac{2}{3} - \{(-9^2) + 77\} \\
 &= \frac{2}{3} - (-81 + 77) \\
 &= \frac{2}{3} - (-4) \\
 &= \frac{2}{3} + 4 \\
 &= \frac{14}{3}
 \end{aligned}$$

16

$$\begin{aligned}
 & (+56) \div \{(+20) - (-2^4)\} \\
 &= (+56) \div \{(+20) - (-16)\} \\
 &= (+56) \div \{(+20) + 16\} \\
 &= (+56) \div 36 \\
 &= 56 \times \frac{1}{36} \\
 &= \frac{14}{9}
 \end{aligned}$$

17

$$\begin{aligned}
 & \frac{16}{17} \times \{-10^2 - (-15)\} \\
 &= \frac{16}{17} \times \{-100 - (-15)\} \\
 &= \frac{16}{17} \times (-100 + 15) \\
 &= \frac{16}{17} \times (-85) \\
 &= -80
 \end{aligned}$$

18

$$\begin{aligned}
 & -\frac{8}{13} \times \left\{ \left(+\frac{13}{8} \right) - \left(-\frac{1}{2} \right)^2 \right\} \\
 &= -\frac{8}{13} \times \left\{ \left(+\frac{13}{8} \right) - \frac{1}{4} \right\} \\
 &= -\frac{8}{13} \times \frac{11}{8} \\
 &= -\frac{11}{13}
 \end{aligned}$$

19

$$\left(-\frac{1}{14}\right) \times \{(+7) - (-3^2)\}$$

20

$$\{(-2^2) + \left(+\frac{13}{4}\right)\} \times \left(-\frac{20}{3}\right)$$

21

$$(+76) - \{(-2^6) - (+50)\}$$

22

$$\{(-4)^2 - (+6)\} \times \frac{3}{20}$$

23

$$-6^2 \div (16 + 4^2)$$

24

$$90 - \{6^2 + (-36)\}$$

19

$$\begin{aligned}
& \left(-\frac{1}{14}\right) \times \{(+7) - (-3^2)\} \\
&= \left(-\frac{1}{14}\right) \times \{(+7) - (-9)\} \\
&= \left(-\frac{1}{14}\right) \times \{(+7) + 9\} \\
&= \left(-\frac{1}{14}\right) \times 16 \\
&= -\frac{8}{7}
\end{aligned}$$

20

$$\begin{aligned}
& \{(-2^2) + \left(+\frac{13}{4}\right)\} \times \left(-\frac{20}{3}\right) \\
&= \left\{-4 + \left(+\frac{13}{4}\right)\right\} \times \left(-\frac{20}{3}\right) \\
&= -\frac{3}{4} \times \left(-\frac{20}{3}\right) \\
&= 5
\end{aligned}$$

21

$$\begin{aligned}
& (+76) - \{(-2^6) - (+50)\} \\
&= (+76) - \{-64 - (+50)\} \\
&= (+76) - (-64 - 50) \\
&= (+76) - (-114) \\
&= (+76) + 114 \\
&= 190
\end{aligned}$$

22

$$\begin{aligned}
& \{(-4)^2 - (+6)\} \times \frac{3}{20} \\
&= \{16 - (+6)\} \times \frac{3}{20} \\
&= (16 - 6) \times \frac{3}{20} \\
&= 10 \times \frac{3}{20} \\
&= \frac{3}{2}
\end{aligned}$$

23

$$\begin{aligned}
& -6^2 \div (16 + 4^2) \\
&= -6^2 \div (16 + 16) \\
&= -6^2 \div 32 \\
&= -36 \div 32 \\
&= -36 \times \frac{1}{32} \\
&= -\frac{9}{8}
\end{aligned}$$

24

$$\begin{aligned}
& 90 - \{6^2 + (-36)\} \\
&= 90 - \{36 + (-36)\} \\
&= 90 - 0 \\
&= 90
\end{aligned}$$

25

$$\frac{19}{2} \times \{-2^6 - (-80)\}$$

26

$$\left(+\frac{4}{3}\right) \div (58 - 4^3)$$

27

$$\{2^6 - (+36)\} \div 84$$

28

$$-2 - \{66 + (-4)^2\}$$

29

$$(+48) - (-35 + 5^2)$$

30

$$-40 \div \{-17 - (-5^2)\}$$

25

$$\begin{aligned}
& \frac{19}{2} \times \{-2^6 - (-80)\} \\
&= \frac{19}{2} \times \{-64 - (-80)\} \\
&= \frac{19}{2} \times (-64 + 80) \\
&= \frac{19}{2} \times 16 \\
&= 152
\end{aligned}$$

26

$$\begin{aligned}
& \left(+\frac{4}{3}\right) \div (58 - 4^3) \\
&= \left(+\frac{4}{3}\right) \div (58 - 64) \\
&= \left(+\frac{4}{3}\right) \div (-6) \\
&= \frac{4}{3} \times \left(-\frac{1}{6}\right) \\
&= -\frac{2}{9}
\end{aligned}$$

27

$$\begin{aligned}
& \{2^6 - (+36)\} \div 84 \\
&= \{64 - (+36)\} \div 84 \\
&= (64 - 36) \div 84 \\
&= 28 \div 84 \\
&= 28 \times \frac{1}{84} \\
&= \frac{1}{3}
\end{aligned}$$

28

$$\begin{aligned}
& -2 - \{66 + (-4)^2\} \\
&= -2 - (66 + 16) \\
&= -2 - 82 \\
&= -84
\end{aligned}$$

29

$$\begin{aligned}
& (+48) - (-35 + 5^2) \\
&= (+48) - (-35 + 25) \\
&= (+48) - (-10) \\
&= (+48) + 10 \\
&= 58
\end{aligned}$$

30

$$\begin{aligned}
& -40 \div \{-17 - (-5^2)\} \\
&= -40 \div \{-17 - (-25)\} \\
&= -40 \div (-17 + 25) \\
&= -40 \div 8 \\
&= -5
\end{aligned}$$

問題

計算順序に気をつけて計算しましょう。

①

$$17 - \{(-2)^2 + (+37)\}$$

②

$$(+82) - \{(-37) - (-7)^2\}$$

③

$$\{-77 + (+65)\} \div (+39)$$

④

$$67 - (30 + 67)$$

⑤

$$\left(+\frac{6}{5}\right) \times \{-8 - (-23)\}$$

⑥

$$\frac{15}{16} \div \{-90 \div (+40)\}$$

1

$$\begin{aligned}
 & 17 - \{(-2)^2 + (+37)\} \\
 &= 17 - \{4 + (+37)\} \\
 &= 17 - 41 \\
 &= -24
 \end{aligned}$$

2

$$\begin{aligned}
 & (+82) - \{(-37) - (-7)^2\} \\
 &= (+82) - \{(-37) - 49\} \\
 &= (+82) - (-86) \\
 &= (+82) + 86 \\
 &= 168
 \end{aligned}$$

3

$$\begin{aligned}
 & \{-77 + (+65)\} \div (+39) \\
 &= -12 \div (+39) \\
 &= -12 \times \frac{1}{39} \\
 &= -\frac{4}{13}
 \end{aligned}$$

4

$$\begin{aligned}
 & 67 - (30 + 67) \\
 &= 67 - 97 \\
 &= -30
 \end{aligned}$$

5

$$\begin{aligned}
 & \left(+\frac{6}{5}\right) \times \{-8 - (-23)\} \\
 &= \left(+\frac{6}{5}\right) \times (-8 + 23) \\
 &= \left(+\frac{6}{5}\right) \times 15 \\
 &= 18
 \end{aligned}$$

6

$$\begin{aligned}
 & \frac{15}{16} \div \{-90 \div (+40)\} \\
 &= \frac{15}{16} \div \left(-90 \times \frac{1}{40}\right) \\
 &= \frac{15}{16} \div \left(-\frac{9}{4}\right) \\
 &= \frac{15}{16} \times \left(-\frac{4}{9}\right) \\
 &= -\frac{5}{12}
 \end{aligned}$$

7

$$\frac{10}{3} - \{(-73) + 72\}$$

8

$$(-32 - 94) \times \left(+\frac{5}{9}\right)$$

9

$$\left(+\frac{1}{2}\right) \times \left\{\left(+\frac{1}{10}\right) + \frac{2}{5}\right\}$$

10

$$-68 - \{(-91) + (+36)\}$$

11

$$2^4 \times \left\{\frac{1}{4} + \left(+\frac{3}{2}\right)\right\}$$

12

$$\left(-\frac{1}{3}\right) - \left\{\left(-\frac{7}{4}\right) - \left(-\frac{13}{4}\right)\right\}$$

7

$$\begin{aligned} & \frac{10}{3} - \{(-73) + 72\} \\ &= \frac{10}{3} - (-1) \\ &= \frac{10}{3} + 1 \\ &= \frac{13}{3} \end{aligned}$$

8

$$\begin{aligned} & (-32 - 94) \times \left(+\frac{5}{9}\right) \\ &= -126 \times \left(+\frac{5}{9}\right) \\ &= -70 \end{aligned}$$

9

$$\begin{aligned} & \left(+\frac{1}{2}\right) \times \left\{\left(+\frac{1}{10}\right) + \frac{2}{5}\right\} \\ &= \left(+\frac{1}{2}\right) \times \frac{1}{2} \\ &= \frac{1}{4} \end{aligned}$$

10

$$\begin{aligned} & -68 - \{(-91) + (+36)\} \\ &= -68 - (-55) \\ &= -68 + 55 \\ &= -13 \end{aligned}$$

11

$$\begin{aligned} & 2^4 \times \left\{\frac{1}{4} + \left(+\frac{3}{2}\right)\right\} \\ &= 2^4 \times \frac{7}{4} \\ &= 16 \times \frac{7}{4} \\ &= 28 \end{aligned}$$

12

$$\begin{aligned} & \left(-\frac{1}{3}\right) - \left\{\left(-\frac{7}{4}\right) - \left(-\frac{13}{4}\right)\right\} \\ &= \left(-\frac{1}{3}\right) - \left\{\left(-\frac{7}{4}\right) + \frac{13}{4}\right\} \\ &= \left(-\frac{1}{3}\right) - \frac{3}{2} \\ &= -\frac{11}{6} \end{aligned}$$

13

$$\frac{4}{5} \times \{(+52) + (+68)\}$$

14

$$\frac{11}{3} \div \left\{ \left(+\frac{12}{5} \right) \div \left(+\frac{4}{5} \right) \right\}$$

15

$$-10^2 - (42 + 10)$$

16

$$\left\{ \frac{5}{2} + \left(-\frac{17}{2} \right) \right\} \div \left(-\frac{1}{2} \right)^2$$

17

$$5 - \{(-57) - (-63)\}$$

18

$$\{(-73) + 46\} \div (-21)$$

13

$$\begin{aligned} & \frac{4}{5} \times \{(+52) + (+68)\} \\ &= \frac{4}{5} \times 120 \\ &= 96 \end{aligned}$$

14

$$\begin{aligned} & \frac{11}{3} \div \left\{ \left(+\frac{12}{5} \right) \div \left(+\frac{4}{5} \right) \right\} \\ &= \frac{11}{3} \div \left(\frac{12}{5} \times \frac{5}{4} \right) \\ &= \frac{11}{3} \div 3 \\ &= \frac{11}{3} \times \frac{1}{3} \\ &= \frac{11}{9} \end{aligned}$$

15

$$\begin{aligned} & -10^2 - (42 + 10) \\ &= -10^2 - 52 \\ &= -100 - 52 \\ &= -152 \end{aligned}$$

16

$$\begin{aligned} & \left\{ \frac{5}{2} + \left(-\frac{17}{2} \right) \right\} \div \left(-\frac{1}{2} \right)^2 \\ &= -6 \div \left(-\frac{1}{2} \right)^2 \\ &= -6 \div \frac{1}{4} \\ &= -6 \times 4 \\ &= -24 \end{aligned}$$

17

$$\begin{aligned} & 5 - \{(-57) - (-63)\} \\ &= 5 - \{(-57) + 63\} \\ &= 5 - 6 \\ &= -1 \end{aligned}$$

18

$$\begin{aligned} & \{(-73) + 46\} \div (-21) \\ &= -27 \div (-21) \\ &= -27 \times \left(-\frac{1}{21} \right) \\ &= \frac{9}{7} \end{aligned}$$

19

$$(+78) - \{(+56) - (-35)\}$$

20

$$7^2 - \{-90 - (-57)\}$$

21

$$16 \times \{(-21) + 4^2\}$$

22

$$\{-53 + (+83)\} \div (-5)^2$$

23

$$50 - \left\{-\frac{9}{8} - \left(-\frac{17}{8}\right)\right\}$$

24

$$(32 - 8) \div (-6)^2$$

19

$$\begin{aligned}
 & (+78) - \{(+56) - (-35)\} \\
 & = (+78) - \{(+56) + 35\} \\
 & = (+78) - 91 \\
 & = -13
 \end{aligned}$$

20

$$\begin{aligned}
 & 7^2 - \{-90 - (-57)\} \\
 & = 7^2 - (-90 + 57) \\
 & = 7^2 - (-33) \\
 & = 49 - (-33) \\
 & = 49 + 33 \\
 & = 82
 \end{aligned}$$

21

$$\begin{aligned}
 & 16 \times \{(-21) + 4^2\} \\
 & = 16 \times \{(-21) + 16\} \\
 & = 16 \times (-5) \\
 & = -80
 \end{aligned}$$

22

$$\begin{aligned}
 & \{-53 + (+83)\} \div (-5)^2 \\
 & = 30 \div (-5)^2 \\
 & = 30 \div 25 \\
 & = 30 \times \frac{1}{25} \\
 & = \frac{6}{5}
 \end{aligned}$$

23

$$\begin{aligned}
 & 50 - \left\{-\frac{9}{8} - \left(-\frac{17}{8}\right)\right\} \\
 & = 50 - \left(-\frac{9}{8} + \frac{17}{8}\right) \\
 & = 50 - 1 \\
 & = 49
 \end{aligned}$$

24

$$\begin{aligned}
 & (32 - 8) \div (-6)^2 \\
 & = 24 \div (-6)^2 \\
 & = 24 \div 36 \\
 & = 24 \times \frac{1}{36} \\
 & = \frac{2}{3}
 \end{aligned}$$

25

$$\{83 - (-85)\} \div \left(+\frac{4}{3}\right)$$

26

$$-\frac{3}{14} \div \left\{(-7) \times \left(+\frac{3}{14}\right)\right\}$$

27

$$48 \div \{(-2^4) - 4^2\}$$

28

$$-59 - \{59 + (+69)\}$$

29

$$(+30) \div \left\{-\frac{11}{7} - \left(-\frac{17}{14}\right)\right\}$$

30

$$(+75) \times \left\{\left(+\frac{9}{20}\right) - \left(\frac{1}{2}\right)^2\right\}$$

25

$$\begin{aligned}
 & \{83 - (-85)\} \div \left(+\frac{4}{3}\right) \\
 &= (83 + 85) \div \left(+\frac{4}{3}\right) \\
 &= 168 \div \left(+\frac{4}{3}\right) \\
 &= 168 \times \frac{3}{4} \\
 &= 126
 \end{aligned}$$

26

$$\begin{aligned}
 & -\frac{3}{14} \div \left\{(-7) \times \left(+\frac{3}{14}\right)\right\} \\
 &= -\frac{3}{14} \div \left(-\frac{3}{2}\right) \\
 &= -\frac{3}{14} \times \left(-\frac{2}{3}\right) \\
 &= \frac{1}{7}
 \end{aligned}$$

27

$$\begin{aligned}
 & 48 \div \{(-2^4) - 4^2\} \\
 &= 48 \div (-16 - 4^2) \\
 &= 48 \div (-16 - 16) \\
 &= 48 \div (-32) \\
 &= 48 \times \left(-\frac{1}{32}\right) \\
 &= -\frac{3}{2}
 \end{aligned}$$

28

$$\begin{aligned}
 & -59 - \{59 + (+69)\} \\
 &= -59 - 128 \\
 &= -187
 \end{aligned}$$

29

$$\begin{aligned}
 & (+30) \div \left\{-\frac{11}{7} - \left(-\frac{17}{14}\right)\right\} \\
 &= (+30) \div \left(-\frac{11}{7} + \frac{17}{14}\right) \\
 &= (+30) \div \left(-\frac{5}{14}\right) \\
 &= 30 \times \left(-\frac{14}{5}\right) \\
 &= -84
 \end{aligned}$$

30

$$\begin{aligned}
 & (+75) \times \left\{\left(+\frac{9}{20}\right) - \left(\frac{1}{2}\right)^2\right\} \\
 &= (+75) \times \left\{\left(+\frac{9}{20}\right) - \frac{1}{4}\right\} \\
 &= (+75) \times \frac{1}{5} \\
 &= 15
 \end{aligned}$$

①

$$(+80) - \{(+12) + (+72)\}$$

②

$$\frac{5}{2} \times \{4^2 - (+92)\}$$

③

$$23 - \{88 + (+49)\}$$

④

$$\{(-61) + 49\} \div (+56)$$

⑤

$$\{7 - (+59)\} \times \left(-\frac{6}{13}\right)$$

⑥

$$(-10)^2 \div \{-50 \times (-4)\}$$

1

$$\begin{aligned}
 & (+80) - \{(+12) + (+72)\} \\
 & = (+80) - 84 \\
 & = -4
 \end{aligned}$$

2

$$\begin{aligned}
 & \frac{5}{2} \times \{4^2 - (+92)\} \\
 & = \frac{5}{2} \times \{16 - (+92)\} \\
 & = \frac{5}{2} \times (16 - 92) \\
 & = \frac{5}{2} \times (-76) \\
 & = -190
 \end{aligned}$$

3

$$\begin{aligned}
 & 23 - \{88 + (+49)\} \\
 & = 23 - 137 \\
 & = -114
 \end{aligned}$$

4

$$\begin{aligned}
 & \{(-61) + 49\} \div (+56) \\
 & = -12 \div (+56) \\
 & = -12 \times \frac{1}{56} \\
 & = -\frac{3}{14}
 \end{aligned}$$

5

$$\begin{aligned}
 & \{7 - (+59)\} \times \left(-\frac{6}{13}\right) \\
 & = (7 - 59) \times \left(-\frac{6}{13}\right) \\
 & = -52 \times \left(-\frac{6}{13}\right) \\
 & = 24
 \end{aligned}$$

6

$$\begin{aligned}
 & (-10)^2 \div \{-50 \times (-4)\} \\
 & = (-10)^2 \div 200 \\
 & = 100 \div 200 \\
 & = 100 \times \frac{1}{200} \\
 & = \frac{1}{2}
 \end{aligned}$$

7

$$54 \times \left\{ \left(-\frac{11}{9} \right) - \frac{19}{9} \right\}$$

8

$$(+87) \div \{(-4) + 62\}$$

9

$$(+39) \div \{-84 \div (-2)\}$$

10

$$(-12) \div \{-53 + (+83)\}$$

11

$$-50 - \{(+65) + (-72)\}$$

12

$$(-4)^3 - \{2^5 - (-71)\}$$

7

$$\begin{aligned}
 & 54 \times \left\{ \left(-\frac{11}{9} \right) - \frac{19}{9} \right\} \\
 &= 54 \times \left(-\frac{10}{3} \right) \\
 &= -180
 \end{aligned}$$

8

$$\begin{aligned}
 & (+87) \div \{(-4) + 62\} \\
 &= (+87) \div 58 \\
 &= 87 \times \frac{1}{58} \\
 &= \frac{3}{2}
 \end{aligned}$$

9

$$\begin{aligned}
 & (+39) \div \{-84 \div (-2)\} \\
 &= (+39) \div 42 \\
 &= 39 \times \frac{1}{42} \\
 &= \frac{13}{14}
 \end{aligned}$$

10

$$\begin{aligned}
 & (-12) \div \{-53 + (+83)\} \\
 &= (-12) \div 30 \\
 &= -12 \times \frac{1}{30} \\
 &= -\frac{2}{5}
 \end{aligned}$$

11

$$\begin{aligned}
 & -50 - \{(+65) + (-72)\} \\
 &= -50 - (-7) \\
 &= -50 + 7 \\
 &= -43
 \end{aligned}$$

12

$$\begin{aligned}
 & (-4)^3 - \{2^5 - (-71)\} \\
 &= (-4)^3 - \{32 - (-71)\} \\
 &= (-4)^3 - (32 + 71) \\
 &= (-4)^3 - 103 \\
 &= -64 - 103 \\
 &= -167
 \end{aligned}$$

13

$$\left\{ \left(-\frac{6}{13} \right) + \left(+\frac{8}{13} \right) \right\} \div \frac{12}{13}$$

14

$$(+3) - (98 + 84)$$

15

$$\left(-\frac{19}{15} \right) \times \{ (+34) + (+41) \}$$

16

$$\left(+\frac{12}{5} \right) - \left(\frac{17}{3} - \frac{5}{3} \right)$$

17

$$\{ 5^2 + (-24) \} \times \left(-\frac{11}{5} \right)$$

18

$$-\frac{5}{8} \div \left\{ -\frac{5}{16} + \left(-\frac{11}{16} \right) \right\}$$

13

$$\begin{aligned} & \left\{ \left(-\frac{6}{13} \right) + \left(+\frac{8}{13} \right) \right\} \div \frac{12}{13} \\ &= \frac{2}{13} \div \frac{12}{13} \\ &= \frac{2}{13} \times \frac{13}{12} \\ &= \frac{1}{6} \end{aligned}$$

14

$$\begin{aligned} & (+3) - (98 + 84) \\ &= (+3) - 182 \\ &= -179 \end{aligned}$$

15

$$\begin{aligned} & \left(-\frac{19}{15} \right) \times \{ (+34) + (+41) \} \\ &= \left(-\frac{19}{15} \right) \times 75 \\ &= -95 \end{aligned}$$

16

$$\begin{aligned} & \left(+\frac{12}{5} \right) - \left(\frac{17}{3} - \frac{5}{3} \right) \\ &= \left(+\frac{12}{5} \right) - 4 \\ &= -\frac{8}{5} \end{aligned}$$

17

$$\begin{aligned} & \{ 5^2 + (-24) \} \times \left(-\frac{11}{5} \right) \\ &= \{ 25 + (-24) \} \times \left(-\frac{11}{5} \right) \\ &= 1 \times \left(-\frac{11}{5} \right) \\ &= -\frac{11}{5} \end{aligned}$$

18

$$\begin{aligned} & -\frac{5}{8} \div \left\{ -\frac{5}{16} + \left(-\frac{11}{16} \right) \right\} \\ &= -\frac{5}{8} \div (-1) \\ &= -\frac{5}{8} \times (-1) \\ &= \frac{5}{8} \end{aligned}$$

19

$$\left(-\frac{5}{3} + \frac{10}{3}\right) \div \frac{15}{2}$$

20

$$8^2 - \{(+55) + (+82)\}$$

21

$$\left(-\frac{11}{3}\right) \div \left\{\left(+\frac{1}{18}\right) \div \frac{1}{18}\right\}$$

22

$$\left(+\frac{20}{11}\right) \div \{(+60) \div (+66)\}$$

23

$$-\frac{9}{7} \div \{(+4) - 5\}$$

24

$$(-23) - \{33 - (-18)\}$$

19

$$\begin{aligned}
 & \left(-\frac{5}{3} + \frac{10}{3}\right) \div \frac{15}{2} \\
 &= \frac{5}{3} \div \frac{15}{2} \\
 &= \frac{5}{3} \times \frac{2}{15} \\
 &= \frac{2}{9}
 \end{aligned}$$

20

$$\begin{aligned}
 & 8^2 - \{(+55) + (+82)\} \\
 &= 8^2 - 137 \\
 &= 64 - 137 \\
 &= -73
 \end{aligned}$$

21

$$\begin{aligned}
 & \left(-\frac{11}{3}\right) \div \left\{\left(+\frac{1}{18}\right) \div \frac{1}{18}\right\} \\
 &= \left(-\frac{11}{3}\right) \div 1 \\
 &= -\frac{11}{3} \times 1 \\
 &= -\frac{11}{3}
 \end{aligned}$$

22

$$\begin{aligned}
 & \left(+\frac{20}{11}\right) \div \{(+60) \div (+66)\} \\
 &= \left(+\frac{20}{11}\right) \div \left(60 \times \frac{1}{66}\right) \\
 &= \left(+\frac{20}{11}\right) \div \frac{10}{11} \\
 &= \frac{20}{11} \times \frac{11}{10} \\
 &= 2
 \end{aligned}$$

23

$$\begin{aligned}
 & -\frac{9}{7} \div \{(+4) - 5\} \\
 &= -\frac{9}{7} \div (-1) \\
 &= -\frac{9}{7} \times (-1) \\
 &= \frac{9}{7}
 \end{aligned}$$

24

$$\begin{aligned}
 & (-23) - \{33 - (-18)\} \\
 &= (-23) - (33 + 18) \\
 &= (-23) - 51 \\
 &= -74
 \end{aligned}$$

25

$$-52 - \{(+66) + (-39)\}$$

26

$$(-48) \div \left\{ -\frac{8}{19} \times (+57) \right\}$$

27

$$(-24) \times \left(\frac{2}{3} - \frac{5}{9} \right)$$

28

$$\{-53 - (-72)\} \times \left(+\frac{4}{19} \right)$$

29

$$64 \div \left\{ \left(-\frac{19}{15} \right) \div \left(+\frac{19}{10} \right) \right\}$$

30

$$(-72) \div \left\{ -\frac{3}{2} \times \left(-\frac{8}{3} \right) \right\}$$

25

$$\begin{aligned}
 & -52 - \{(+66) + (-39)\} \\
 & = -52 - 27 \\
 & = -79
 \end{aligned}$$

26

$$\begin{aligned}
 & (-48) \div \left\{ -\frac{8}{19} \times (+57) \right\} \\
 & = (-48) \div (-24) \\
 & = 2
 \end{aligned}$$

27

$$\begin{aligned}
 & (-24) \times \left(\frac{2}{3} - \frac{5}{9} \right) \\
 & = (-24) \times \frac{1}{9} \\
 & = -\frac{8}{3}
 \end{aligned}$$

28

$$\begin{aligned}
 & \{-53 - (-72)\} \times \left(+\frac{4}{19} \right) \\
 & = (-53 + 72) \times \left(+\frac{4}{19} \right) \\
 & = 19 \times \left(+\frac{4}{19} \right) \\
 & = 4
 \end{aligned}$$

29

$$\begin{aligned}
 & 64 \div \left\{ \left(-\frac{19}{15} \right) \div \left(+\frac{19}{10} \right) \right\} \\
 & = 64 \div \left(-\frac{19}{15} \times \frac{10}{19} \right) \\
 & = 64 \div \left(-\frac{2}{3} \right) \\
 & = 64 \times \left(-\frac{3}{2} \right) \\
 & = -96
 \end{aligned}$$

30

$$\begin{aligned}
 & (-72) \div \left\{ -\frac{3}{2} \times \left(-\frac{8}{3} \right) \right\} \\
 & = (-72) \div 4 \\
 & = -18
 \end{aligned}$$

①

$$\left(+\frac{3}{2}\right) \div \left\{\left(-\frac{17}{3}\right) \div \left(-\frac{17}{5}\right)\right\}$$

②

$$-27 - \{(+96) - 19\}$$

③

$$-\frac{3}{5} \div \left\{\left(-\frac{3}{20}\right) + \left(+\frac{12}{5}\right)\right\}$$

④

$$-\frac{5}{3} \div \left\{\left(+\frac{7}{8}\right) \times \frac{16}{9}\right\}$$

⑤

$$\frac{1}{3} \div \left(\frac{3}{14} + \frac{1}{14}\right)$$

⑥

$$-\frac{4}{5} \div \left\{\left(+\frac{2}{5}\right) \div \left(-\frac{3}{2}\right)\right\}$$

1

$$\begin{aligned}
 & \left(+\frac{3}{2}\right) \div \left\{\left(-\frac{17}{3}\right) \div \left(-\frac{17}{5}\right)\right\} \\
 = & \left(+\frac{3}{2}\right) \div \left\{-\frac{17}{3} \times \left(-\frac{5}{17}\right)\right\} \\
 = & \left(+\frac{3}{2}\right) \div \frac{5}{3} \\
 = & \frac{3}{2} \times \frac{3}{5} \\
 = & \frac{9}{10}
 \end{aligned}$$

2

$$\begin{aligned}
 & -27 - \{(+96) - 19\} \\
 = & -27 - 77 \\
 = & -104
 \end{aligned}$$

3

$$\begin{aligned}
 & -\frac{3}{5} \div \left\{\left(-\frac{3}{20}\right) + \left(+\frac{12}{5}\right)\right\} \\
 = & -\frac{3}{5} \div \frac{9}{4} \\
 = & -\frac{3}{5} \times \frac{4}{9} \\
 = & -\frac{4}{15}
 \end{aligned}$$

4

$$\begin{aligned}
 & -\frac{5}{3} \div \left\{\left(+\frac{7}{8}\right) \times \frac{16}{9}\right\} \\
 = & -\frac{5}{3} \div \frac{14}{9} \\
 = & -\frac{5}{3} \times \frac{9}{14} \\
 = & -\frac{15}{14}
 \end{aligned}$$

5

$$\begin{aligned}
 & \frac{1}{3} \div \left(\frac{3}{14} + \frac{1}{14}\right) \\
 = & \frac{1}{3} \div \frac{2}{7} \\
 = & \frac{1}{3} \times \frac{7}{2} \\
 = & \frac{7}{6}
 \end{aligned}$$

6

$$\begin{aligned}
 & -\frac{4}{5} \div \left\{\left(+\frac{2}{5}\right) \div \left(-\frac{3}{2}\right)\right\} \\
 = & -\frac{4}{5} \div \left\{\frac{2}{5} \times \left(-\frac{2}{3}\right)\right\} \\
 = & -\frac{4}{5} \div \left(-\frac{4}{15}\right) \\
 = & -\frac{4}{5} \times \left(-\frac{15}{4}\right) \\
 = & 3
 \end{aligned}$$

7

$$\{40 - (+21)\} \times \left(-\frac{4}{19}\right)$$

8

$$\left\{\left(-\frac{4}{15}\right) - \frac{16}{15}\right\} \div (+10)$$

9

$$(-21) - \{(-2^4) + 10\}$$

10

$$\left\{\left(+\frac{13}{9}\right) + (-2)\right\} \times \left(+\frac{3}{4}\right)$$

11

$$(+29) - \{(-2^5) - (-54)\}$$

12

$$\left\{-\frac{4}{7} - (-2)\right\} \times \left(-\frac{7}{11}\right)$$

7

$$\begin{aligned}
 & \{40 - (+21)\} \times \left(-\frac{4}{19}\right) \\
 &= (40 - 21) \times \left(-\frac{4}{19}\right) \\
 &= 19 \times \left(-\frac{4}{19}\right) \\
 &= -4
 \end{aligned}$$

8

$$\begin{aligned}
 & \left\{\left(-\frac{4}{15}\right) - \frac{16}{15}\right\} \div (+10) \\
 &= -\frac{4}{3} \div (+10) \\
 &= -\frac{4}{3} \times \frac{1}{10} \\
 &= -\frac{2}{15}
 \end{aligned}$$

9

$$\begin{aligned}
 & (-21) - \{(-2^4) + 10\} \\
 &= (-21) - (-16 + 10) \\
 &= (-21) - (-6) \\
 &= (-21) + 6 \\
 &= -15
 \end{aligned}$$

10

$$\begin{aligned}
 & \left\{\left(+\frac{13}{9}\right) + (-2)\right\} \times \left(+\frac{3}{4}\right) \\
 &= -\frac{5}{9} \times \left(+\frac{3}{4}\right) \\
 &= -\frac{5}{12}
 \end{aligned}$$

11

$$\begin{aligned}
 & (+29) - \{(-2^5) - (-54)\} \\
 &= (+29) - \{-32 - (-54)\} \\
 &= (+29) - (-32 + 54) \\
 &= (+29) - 22 \\
 &= 7
 \end{aligned}$$

12

$$\begin{aligned}
 & \left\{-\frac{4}{7} - (-2)\right\} \times \left(-\frac{7}{11}\right) \\
 &= \left(-\frac{4}{7} + 2\right) \times \left(-\frac{7}{11}\right) \\
 &= \frac{10}{7} \times \left(-\frac{7}{11}\right) \\
 &= -\frac{10}{11}
 \end{aligned}$$

13

$$\{(-36) - 39\} \times \left(-\frac{1}{5}\right)$$

14

$$20 \div \left\{ \left(-\frac{9}{5}\right)^2 \times \left(\frac{10}{9}\right)^2 \right\}$$

15

$$\left(+\frac{10}{13}\right) \div \left\{ \left(+\frac{1}{3}\right) - \left(+\frac{16}{3}\right) \right\}$$

16

$$\left(-\frac{1}{20}\right) \div \left\{ \frac{3}{7} - \left(+\frac{1}{2}\right) \right\}$$

17

$$\left\{ \left(-\frac{17}{5}\right) - \left(-\frac{9}{2}\right) \right\} \div \left(-\frac{11}{9}\right)$$

18

$$\left(-\frac{5}{4}\right) \div \left\{ -\frac{3}{4} \div \left(-\frac{9}{14}\right) \right\}$$

13

$$\begin{aligned} & \{(-36) - 39\} \times \left(-\frac{1}{5}\right) \\ &= -75 \times \left(-\frac{1}{5}\right) \\ &= 15 \end{aligned}$$

14

$$\begin{aligned} & 20 \div \left\{ \left(-\frac{9}{5}\right)^2 \times \left(\frac{10}{9}\right)^2 \right\} \\ &= 20 \div \left\{ \frac{81}{25} \times \left(\frac{10}{9}\right)^2 \right\} \\ &= 20 \div \left(\frac{81}{25} \times \frac{100}{81}\right) \\ &= 20 \div 4 \\ &= 5 \end{aligned}$$

15

$$\begin{aligned} & \left(+\frac{10}{13}\right) \div \left\{ \left(+\frac{1}{3}\right) - \left(+\frac{16}{3}\right) \right\} \\ &= \left(+\frac{10}{13}\right) \div \left\{ \left(+\frac{1}{3}\right) - \frac{16}{3} \right\} \\ &= \left(+\frac{10}{13}\right) \div (-5) \\ &= \frac{10}{13} \times \left(-\frac{1}{5}\right) \\ &= -\frac{2}{13} \end{aligned}$$

16

$$\begin{aligned} & \left(-\frac{1}{20}\right) \div \left\{ \frac{3}{7} - \left(+\frac{1}{2}\right) \right\} \\ &= \left(-\frac{1}{20}\right) \div \left(\frac{3}{7} - \frac{1}{2}\right) \\ &= \left(-\frac{1}{20}\right) \div \left(-\frac{1}{14}\right) \\ &= -\frac{1}{20} \times (-14) \\ &= \frac{7}{10} \end{aligned}$$

17

$$\begin{aligned} & \left\{ \left(-\frac{17}{5}\right) - \left(-\frac{9}{2}\right) \right\} \div \left(-\frac{11}{9}\right) \\ &= \left\{ \left(-\frac{17}{5}\right) + \frac{9}{2} \right\} \div \left(-\frac{11}{9}\right) \\ &= \frac{11}{10} \div \left(-\frac{11}{9}\right) \\ &= \frac{11}{10} \times \left(-\frac{9}{11}\right) \\ &= -\frac{9}{10} \end{aligned}$$

18

$$\begin{aligned} & \left(-\frac{5}{4}\right) \div \left\{ -\frac{3}{4} \div \left(-\frac{9}{14}\right) \right\} \\ &= \left(-\frac{5}{4}\right) \div \left\{ -\frac{3}{4} \times \left(-\frac{14}{9}\right) \right\} \\ &= \left(-\frac{5}{4}\right) \div \frac{7}{6} \\ &= -\frac{5}{4} \times \frac{6}{7} \\ &= -\frac{15}{14} \end{aligned}$$

19

$$(-1) \div \left\{ (-16) \div \left(+\frac{16}{13} \right) \right\}$$

20

$$\left(-\frac{10}{11} \right) \times \left(\frac{11}{18} + \frac{11}{18} \right)$$

21

$$\{1 + (+31)\} \div \frac{16}{13}$$

22

$$\frac{10}{9} \times \{46 + (+53)\}$$

23

$$\left(-\frac{16}{17} \right) \times \{(-29) + (-56)\}$$

24

$$\{(+48) - 3\} \times \left(+\frac{5}{9} \right)$$

19

$$\begin{aligned}
 & (-1) \div \left\{ (-16) \div \left(+\frac{16}{13} \right) \right\} \\
 &= (-1) \div \left(-16 \times \frac{13}{16} \right) \\
 &= (-1) \div (-13) \\
 &= -1 \times \left(-\frac{1}{13} \right) \\
 &= \frac{1}{13}
 \end{aligned}$$

20

$$\begin{aligned}
 & \left(-\frac{10}{11} \right) \times \left(\frac{11}{18} + \frac{11}{18} \right) \\
 &= \left(-\frac{10}{11} \right) \times \frac{11}{9} \\
 &= -\frac{10}{9}
 \end{aligned}$$

21

$$\begin{aligned}
 & \{1 + (+31)\} \div \frac{16}{13} \\
 &= 32 \div \frac{16}{13} \\
 &= 32 \times \frac{13}{16} \\
 &= 26
 \end{aligned}$$

22

$$\begin{aligned}
 & \frac{10}{9} \times \{46 + (+53)\} \\
 &= \frac{10}{9} \times 99 \\
 &= 110
 \end{aligned}$$

23

$$\begin{aligned}
 & \left(-\frac{16}{17} \right) \times \{(-29) + (-56)\} \\
 &= \left(-\frac{16}{17} \right) \times (-85) \\
 &= 80
 \end{aligned}$$

24

$$\begin{aligned}
 & \{(+48) - 3\} \times \left(+\frac{5}{9} \right) \\
 &= 45 \times \left(+\frac{5}{9} \right) \\
 &= 25
 \end{aligned}$$

25

$$\{-37 - (-28)\} \times (-10)$$

26

$$(-35) - \{(-6)^2 - 23\}$$

27

$$-\frac{13}{10} \times \{14 - (-2^4)\}$$

28

$$\left\{\left(-\frac{17}{9}\right) + 1\right\} \times \left(-\frac{1}{8}\right)$$

29

$$\{6 + (-6^2)\} \div (+24)$$

30

$$(-92) - \{(-39) + (-17)\}$$

25

$$\begin{aligned}
 & \{-37 - (-28)\} \times (-10) \\
 &= (-37 + 28) \times (-10) \\
 &= -9 \times (-10) \\
 &= 90
 \end{aligned}$$

26

$$\begin{aligned}
 & (-35) - \{(-6)^2 - 23\} \\
 &= (-35) - (36 - 23) \\
 &= (-35) - 13 \\
 &= -48
 \end{aligned}$$

27

$$\begin{aligned}
 & -\frac{13}{10} \times \{14 - (-2^4)\} \\
 &= -\frac{13}{10} \times \{14 - (-16)\} \\
 &= -\frac{13}{10} \times (14 + 16) \\
 &= -\frac{13}{10} \times 30 \\
 &= -39
 \end{aligned}$$

28

$$\begin{aligned}
 & \left\{ \left(-\frac{17}{9} \right) + 1 \right\} \times \left(-\frac{1}{8} \right) \\
 &= -\frac{8}{9} \times \left(-\frac{1}{8} \right) \\
 &= \frac{1}{9}
 \end{aligned}$$

29

$$\begin{aligned}
 & \{6 + (-6^2)\} \div (+24) \\
 &= \{6 + (-36)\} \div (+24) \\
 &= -30 \div (+24) \\
 &= -30 \times \frac{1}{24} \\
 &= -\frac{5}{4}
 \end{aligned}$$

30

$$\begin{aligned}
 & (-92) - \{(-39) + (-17)\} \\
 &= (-92) - (-56) \\
 &= (-92) + 56 \\
 &= -36
 \end{aligned}$$