



【正負の数C9】

3数以上のかけ算

(分数・小数・整数)

① 例題

・ 次の計算をなさい。

$$\begin{aligned}\textcircled{1} \quad & \left(-\frac{5}{6}\right) \times \frac{2}{5} \times \left(-\frac{3}{4}\right) \\ & = + \left(\frac{5}{6} \times \frac{2}{5} \times \frac{3}{4}\right) \\ & =\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 6 \times \left(-\frac{1}{4}\right) \times \frac{5}{6} \\ & = - \left(\frac{6}{1} \times \frac{1}{4} \times \frac{5}{6}\right) \\ & =\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (-4) \times 2.5 \times (-3.1) \\ & = + (4 \times 2.5 \times 3.1) \\ & = + (10 \times 3.1) \\ & =\end{aligned}$$

$$\textcircled{4} \quad \left(-\frac{7}{15}\right) \times \frac{3}{4} \times \frac{5}{14}$$

$$\textcircled{5} \quad \left(-\frac{5}{8}\right) \times (-24) \times \frac{2}{25}$$

$$\begin{aligned}\textcircled{6} \quad & 0.3 \times 8 \times (-1.5) \\ & = - (0.3 \times 8 \times 1.5) \\ & =\end{aligned}$$





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② 確認

・ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{3}{5}\right) \times \frac{5}{21} \times \left(-\frac{7}{9}\right) \\ & = + \left(\frac{3}{5} \times \frac{5}{21} \times \frac{7}{9}\right) \\ & = \end{aligned}$$

$$\textcircled{2} \quad 3 \times \left(-\frac{4}{9}\right) \times \left(-\frac{1}{2}\right)$$

$$\begin{aligned} \textcircled{3} \quad & (-1.2) \times 0.9 \times 5 \\ & = - (1.2 \times 5 \times 0.9) \\ & = \end{aligned}$$

$$\textcircled{4} \quad \frac{9}{14} \times \left(-\frac{2}{3}\right) \times \frac{5}{6}$$

$$\textcircled{5} \quad \left(-\frac{5}{12}\right) \times \left(-\frac{1}{3}\right) \times (-36)$$

$$\textcircled{6} \quad 0.4 \times (-2.5) \times (-7)$$





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③確認

・ 次の計算をなさい。

① $(-\frac{15}{16}) \times \frac{1}{5} \times (-\frac{2}{3})$

④ $\frac{7}{8} \times \frac{5}{36} \times (-\frac{18}{35})$

② $\frac{2}{3} \times (-9) \times \frac{4}{9}$

⑤ $21 \times (-\frac{1}{7}) \times (-\frac{5}{24})$

③ $(-1.5) \times 6 \times (-0.1)$

⑥ $4 \times 1.7 \times (-0.5)$





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④ 確認

・ 次の計算をなさい。

① $(-\frac{3}{14}) \times (-\frac{7}{9}) \times (-\frac{4}{5})$

④ $\frac{11}{12} \times (-\frac{21}{22}) \times \frac{2}{3}$

② $\frac{1}{30} \times (-\frac{2}{13}) \times (-15)$

⑤ $(-\frac{5}{18}) \times 6 \times \frac{3}{4}$

③ $(-1.3) \times 8 \times (-2.5)$

⑥ $(-5) \times (-0.8) \times 2.9$





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⑤ 定着

・ 次の計算をなさい。

① $1.5 \times (-1.3) \times 4$

② $(-\frac{7}{12}) \times (-\frac{2}{5}) \times \frac{3}{7}$

③ $(-16) \times \frac{3}{8} \times (-\frac{5}{6})$

④ $\frac{8}{9} \times (-\frac{5}{12}) \times \frac{7}{5}$

⑤ $0.7 \times (-5) \times (-1.4)$

⑥ $(-\frac{7}{4}) \times 10 \times \frac{3}{14}$





【正負の数C9】

3数以上のかけ算

(分数・小数・整数)

⑥ 定着

・ 次の計算をなさい。

① $(-\frac{9}{16}) \times \frac{1}{5} \times (-\frac{4}{3})$

② $(-6) \times 2.5 \times 0.3$

③ $(-\frac{1}{9}) \times \frac{3}{7} \times (-14)$

④ $(-\frac{5}{6}) \times (-\frac{4}{15}) \times (-\frac{3}{8})$

⑤ $15 \times (-1.1) \times (-0.2)$

⑥ $\frac{3}{16} \times 8 \times (-\frac{1}{18})$





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3数以上のかけ算

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⑦ 定着

・ 次の計算をなさい。

① $\frac{6}{7} \times \frac{1}{3} \times (-\frac{3}{4})$

④ $1.3 \times 0.2 \times (-25)$

② $(-4.5) \times (-2) \times 0.7$

⑤ $(-\frac{7}{12}) \times (-\frac{2}{5}) \times \frac{3}{7}$

③ $(-18) \times (-\frac{2}{9}) \times \frac{1}{8}$

⑥ $\frac{1}{8} \times (-\frac{5}{21}) \times 56$





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3数以上のかけ算

(分数・小数・整数)

⑧ 定着

・ 次の計算をなさい。

① $(-2.4) \times 5 \times 0.9$

② $\frac{5}{6} \times \frac{3}{4} \times (-\frac{14}{15})$

③ $\frac{9}{20} \times (-25) \times (-\frac{1}{15})$

④ $(-\frac{3}{5}) \times (-\frac{15}{16}) \times \frac{4}{5}$

⑤ $(-1.5) \times (-0.3) \times 4$

⑥ $27 \times (-\frac{1}{6}) \times \frac{2}{3}$





・ 次の計算をなさい。

① $(-\frac{4}{15}) \times (-\frac{5}{8}) \times 4$

② $8 \times (-2.5) \times 1.1$

③ $\frac{4}{5} \times (-\frac{9}{16}) \times (-\frac{2}{3})$

④ $(-\frac{1}{5}) \times (-15) \times \frac{1}{18}$

⑤ $(-\frac{3}{8}) \times (-\frac{4}{15}) \times (-\frac{5}{6})$

⑥ $(-1.6) \times 0.7 \times 5$





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⑩ 仕上げ

・ 次の計算をなさい。

① $(-1.8) \times 0.3 \times (-5)$

② $11 \times (-5) \times (-1) \times (-6)$

③ $\frac{3}{4} \times \frac{5}{6} \times (-8)$

④ $(-3) \times (-8) \times 2$

⑤ $(-\frac{7}{18}) \times (-\frac{3}{5}) \times \frac{2}{7}$

⑥ $(-7) \times (-25) \times 3 \times (-4)$





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3数以上のかけ算

(分数・小数・整数)



⑪仕上げ

・ 次の計算をなさい。

① $(-\frac{9}{13}) \times \frac{26}{27} \times \frac{3}{8}$

④ $9 \times (-2) \times 3$

② $(-8) \times 3 \times (-25) \times 9$

⑤ $(-18) \times \frac{2}{5} \times (-\frac{1}{9})$

③ $12 \times (-0.5) \times 2.1$

⑥ $(-125) \times (-8) \times (-1) \times 7$





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⑫仕上げ

・ 次の計算をなさい。

① $3 \times (-4) \times (-15)$

② $(-0.4) \times 25 \times (-0.3)$

③ $(-\frac{1}{3}) \times 45 \times \frac{2}{9}$

④ $(-5) \times (-1) \times 3 \times (-18)$

⑤ $\frac{9}{14} \times (-\frac{5}{8}) \times \frac{7}{15}$

⑥ $(-4) \times 2 \times (-9)$





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3数以上のかけ算

(分数・小数・整数)



⑬仕上げ

・ 次の計算をなさい。

① $\frac{5}{9} \times (-\frac{4}{15}) \times \frac{3}{16}$

② $(-3) \times (-7) \times (-25) \times 8$

③ $(-2) \times (-8) \times 4$

④ $\frac{1}{30} \times (-\frac{5}{7}) \times (-21)$

⑤ $5 \times (-4) \times (-11) \times (-3)$

⑥ $(-1.6) \times (-0.9) \times 5$





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(分数・小数・整数)



⑭仕上げ

・次の計算をなさい。

① $(-\frac{3}{7}) \times (-\frac{5}{6}) \times \frac{4}{15}$

② $(-21) \times 3 \times 2$

③ $2 \times (-2.5) \times 1.3$

④ $(-25) \times (-1) \times 3 \times (-4)$

⑤ $(-\frac{5}{12}) \times 18 \times (-\frac{1}{10})$

⑥ $(-8) \times 7 \times (-2)$





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(分数・小数・整数)

点

⑮ 力だめし

・ 次の計算をなさい。(各20点)

① $(-\frac{5}{9}) \times (-\frac{9}{16}) \times \frac{4}{3}$

② $(-6) \times 3 \times 4$

③ $(-2.5) \times 1.7 \times (-4)$

④ $(-7) \times 8 \times (-3) \times (-5)$

⑤ $\frac{6}{5} \times (-3) \times \frac{7}{18}$





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点

⑩力だめし

・ 次の計算をなさい。(各20点)

① $(-16) \times \frac{3}{4} \times (-\frac{1}{8})$

② $(-4) \times 9 \times (-15) \times (-1)$

③ $(-\frac{2}{3}) \times \frac{7}{8} \times \frac{3}{14}$

④ $0.3 \times 6 \times (-1.5)$

⑤ $(-25) \times (-7) \times 2$





・ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{5}{6}\right) \times \frac{2}{5} \times \left(-\frac{3}{4}\right) \\ & = + \left(\frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{6}}} \times \frac{\overset{1}{\cancel{2}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{3}}}{\underset{2}{\cancel{4}}} \right) \\ & = \frac{1}{4} \end{aligned}$$

$$\underline{\frac{1}{4}}$$

$$\begin{aligned} \textcircled{2} \quad & 6 \times \left(-\frac{1}{4}\right) \times \frac{5}{6} \\ & = - \left(\frac{\overset{1}{\cancel{6}}}{\underset{1}{\cancel{1}}} \times \frac{1}{4} \times \frac{5}{\underset{1}{\cancel{6}}} \right) \\ & = -\frac{5}{4} \end{aligned}$$

$$\underline{-\frac{5}{4}}$$

$$\begin{aligned} \textcircled{3} \quad & (-4) \times 2.5 \times (-3.1) \\ & = + (4 \times 2.5 \times 3.1) \\ & = + (10 \times 3.1) \\ & = 31 \end{aligned}$$

$$\underline{31}$$

$$\begin{aligned} \textcircled{4} \quad & \left(-\frac{7}{15}\right) \times \frac{3}{4} \times \frac{5}{14} \\ & = - \left(\frac{\overset{1}{\cancel{7}}}{\underset{1}{\cancel{15}}} \times \frac{\overset{1}{\cancel{3}}}{4} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{14}}} \right) \\ & = -\frac{1}{8} \end{aligned}$$

$$\underline{-\frac{1}{8}}$$

$$\begin{aligned} \textcircled{5} \quad & \left(-\frac{5}{8}\right) \times (-24) \times \frac{2}{25} \\ & = + \left(\frac{\overset{1}{\cancel{5}}}{\underset{1}{\cancel{8}}} \times \frac{\overset{3}{\cancel{24}}}{1} \times \frac{2}{\underset{5}{\cancel{25}}} \right) \\ & = \frac{6}{5} \end{aligned}$$

$$\underline{\frac{6}{5}}$$

$$\begin{aligned} \textcircled{6} \quad & 0.3 \times 8 \times (-1.5) \\ & = - (0.3 \times 8 \times 1.5) \\ & = - (0.3 \times 12) \\ & = -3.6 \end{aligned}$$

$$\underline{-3.6}$$





・次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{3}{5}\right) \times \frac{5}{21} \times \left(-\frac{7}{9}\right) \\ & = + \left(\frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{3}{\cancel{21}}} \times \frac{\overset{1}{\cancel{7}}}{\underset{3}{\cancel{9}}} \right) \\ & = \frac{1}{9} \end{aligned}$$

 $\frac{1}{9}$

$$\begin{aligned} \textcircled{2} \quad & 3 \times \left(-\frac{4}{9}\right) \times \left(-\frac{1}{2}\right) \\ & = + \left(\frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{1}}} \times \frac{\overset{2}{\cancel{4}}}{\underset{3}{\cancel{9}}} \times \frac{\overset{1}{\cancel{1}}}{\underset{2}{\cancel{2}}} \right) \\ & = \frac{2}{3} \end{aligned}$$

 $\frac{2}{3}$

$$\begin{aligned} \textcircled{3} \quad & (-1.2) \times 0.9 \times 5 \\ & = -(1.2 \times 0.9 \times 5) \\ & = -(0.9 \times 1.2 \times 5) \\ & = -(0.9 \times 6) \\ & = -5.4 \end{aligned}$$

-5.4

$$\begin{aligned} \textcircled{4} \quad & \frac{9}{14} \times \left(-\frac{2}{3}\right) \times \frac{5}{6} \\ & = - \left(\frac{\overset{1}{\cancel{3}}}{\underset{7}{\cancel{14}}} \times \frac{\overset{1}{\cancel{2}}}{\underset{3}{\cancel{3}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{6}}} \right) \\ & = -\frac{5}{14} \end{aligned}$$

 $-\frac{5}{14}$

$$\begin{aligned} \textcircled{5} \quad & \left(-\frac{5}{12}\right) \times \left(-\frac{1}{3}\right) \times (-36) \\ & = - \left(\frac{\overset{1}{\cancel{5}}}{\underset{1}{\cancel{12}}} \times \frac{\overset{1}{\cancel{1}}}{\underset{3}{\cancel{3}}} \times \frac{\overset{3}{\cancel{36}}}{\underset{1}{\cancel{1}}} \right) \\ & = -5 \end{aligned}$$

-5

$$\begin{aligned} \textcircled{6} \quad & 0.4 \times (-2.5) \times (-7) \\ & = + (0.4 \times 2.5 \times 7) \\ & = + (1 \times 7) \\ & = 7 \end{aligned}$$

7





・次の計算をしなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{15}{16}\right) \times \frac{1}{5} \times \left(-\frac{2}{3}\right) \\ & = + \left(\frac{\overset{1}{\cancel{3}} \overset{1}{\cancel{15}}}{\underset{8}{\cancel{16}}} \times \frac{1}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{2}}}{\underset{1}{\cancel{3}}} \right) \\ & = \frac{1}{8} \end{aligned}$$

$$\underline{\frac{1}{8}}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{2}{3} \times (-9) \times \frac{4}{9} \\ & = - \left(\frac{2}{3} \times \frac{\overset{1}{\cancel{9}}}{\underset{1}{\cancel{1}}} \times \frac{4}{\underset{1}{\cancel{9}}} \right) \\ & = -\frac{8}{3} \end{aligned}$$

$$\underline{-\frac{8}{3}}$$

$$\begin{aligned} \textcircled{3} \quad & (-1.5) \times 6 \times (-0.1) \\ & = + (1.5 \times 6 \times 0.1) \\ & = + (9 \times 0.1) \\ & = 0.9 \end{aligned}$$

$$\underline{0.9}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{7}{8} \times \frac{5}{36} \times \left(-\frac{18}{35}\right) \\ & = - \left(\frac{\overset{1}{\cancel{7}}}{\underset{8}{\cancel{8}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{36}}} \times \frac{\overset{1}{\cancel{18}}}{\underset{5}{\cancel{35}}} \right) \\ & = -\frac{1}{16} \end{aligned}$$

$$\underline{-\frac{1}{16}}$$

$$\begin{aligned} \textcircled{5} \quad & 21 \times \left(-\frac{1}{7}\right) \times \left(-\frac{5}{24}\right) \\ & = + \left(\frac{\overset{1}{\cancel{3}} \overset{1}{\cancel{21}}}{\underset{1}{\cancel{1}}} \times \frac{1}{\underset{1}{\cancel{7}}} \times \frac{5}{\underset{8}{\cancel{24}}} \right) \\ & = \frac{5}{8} \end{aligned}$$

$$\underline{\frac{5}{8}}$$

$$\begin{aligned} \textcircled{6} \quad & 4 \times 1.7 \times (-0.5) \\ & = - (4 \times 1.7 \times 0.5) \\ & = - (1.7 \times 4 \times 0.5) \\ & = - (1.7 \times 2) \\ & = -3.4 \end{aligned}$$

$$\underline{-3.4}$$





・次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{3}{14}\right) \times \left(-\frac{7}{9}\right) \times \left(-\frac{4}{5}\right) \\ &= -\left(\frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{14}}} \times \frac{\overset{7}{\cancel{7}}}{\underset{3}{\cancel{9}}} \times \frac{\overset{2}{\cancel{4}}}{5}\right) \\ &= -\frac{2}{15} \end{aligned}$$

$$-\frac{2}{15}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{30} \times \left(-\frac{2}{13}\right) \times (-15) \\ &= +\left(\frac{1}{\underset{15}{\cancel{30}}} \times \frac{\overset{1}{\cancel{2}}}{13} \times \frac{\overset{1}{\cancel{15}}}{1}\right) \\ &= \frac{1}{13} \end{aligned}$$

$$\frac{1}{13}$$

$$\begin{aligned} \textcircled{3} \quad & (-1.3) \times 8 \times (-2.5) \\ &= +(1.3 \times 8 \times 2.5) \\ &= +(1.3 \times 20) \\ &= 26 \end{aligned}$$

$$26$$

$$\begin{aligned} \textcircled{4} \quad & \frac{11}{12} \times \left(-\frac{21}{22}\right) \times \frac{2}{3} \\ &= -\left(\frac{\overset{1}{\cancel{11}}}{\underset{6}{\cancel{12}}} \times \frac{\overset{7}{\cancel{21}}}{\underset{2}{\cancel{22}}} \times \frac{\overset{1}{\cancel{2}}}{\underset{1}{\cancel{3}}}\right) \\ &= -\frac{7}{12} \end{aligned}$$

$$-\frac{7}{12}$$

$$\begin{aligned} \textcircled{5} \quad & \left(-\frac{5}{18}\right) \times 6 \times \frac{3}{4} \\ &= -\left(\frac{\overset{1}{\cancel{5}}}{\underset{3}{\cancel{18}}} \times \frac{\overset{1}{\cancel{6}}}{1} \times \frac{\overset{1}{\cancel{3}}}{4}\right) \\ &= -\frac{5}{4} \end{aligned}$$

$$-\frac{5}{4}$$

$$\begin{aligned} \textcircled{6} \quad & (-5) \times (-0.8) \times 2.9 \\ &= +(5 \times 0.8 \times 2.9) \\ &= +(4 \times 2.9) \\ &= 11.6 \end{aligned}$$

$$11.6$$





・ 次の計算をしなさい。

① $1.5 \times (-1.3) \times 4$

$$= -(1.5 \times 1.3 \times 4)$$

$$= -(1.3 \times 1.5 \times 4)$$

$$= -(1.3 \times 6)$$

$$= -7.8$$

$$\underline{\quad -7.8 \quad}$$

② $(-\frac{7}{12}) \times (-\frac{2}{5}) \times \frac{3}{7}$

$$= +(\frac{1}{2} \times \frac{2}{5} \times \frac{3}{7})$$

$$= \frac{1}{10}$$

$$\underline{\quad \frac{1}{10} \quad}$$

③ $(-16) \times \frac{3}{8} \times (-\frac{5}{6})$

$$= +(\frac{1}{1} \times \frac{3}{8} \times \frac{5}{6})$$

$$= 5$$

$$\underline{\quad 5 \quad}$$

④ $\frac{8}{9} \times (-\frac{5}{12}) \times \frac{7}{5}$

$$= -(\frac{2}{3} \times \frac{1}{4} \times \frac{7}{5})$$

$$= -\frac{14}{27}$$

$$\underline{\quad -\frac{14}{27} \quad}$$

⑤ $0.7 \times (-5) \times (-1.4)$

$$= +(0.7 \times 5 \times 1.4)$$

$$= +(0.7 \times 7)$$

$$= 4.9$$

$$\underline{\quad 4.9 \quad}$$

⑥ $(-\frac{7}{4}) \times 10 \times \frac{3}{14}$

$$= -(\frac{1}{2} \times \frac{10}{1} \times \frac{3}{14})$$

$$= -\frac{15}{4}$$

$$\underline{\quad -\frac{15}{4} \quad}$$





・ 次の計算をしなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{9}{16}\right) \times \frac{1}{5} \times \left(-\frac{4}{3}\right) \\ & = + \left(\frac{\overset{3}{\cancel{9}}}{\underset{4}{\cancel{16}}} \times \frac{1}{5} \times \frac{\cancel{4}^1}{\underset{3}{\cancel{3}}}\right) \\ & = \frac{3}{20} \end{aligned}$$

$\frac{3}{20}$

$$\begin{aligned} \textcircled{2} \quad & (-6) \times 2.5 \times 0.3 \\ & = -(6 \times 2.5 \times 0.3) \\ & = -(15 \times 0.3) \\ & = -4.5 \end{aligned}$$

-4.5

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

$\frac{2}{3}$

$$\begin{aligned} \textcircled{4} \quad & \left(-\frac{5}{6}\right) \times \left(-\frac{4}{15}\right) \times \left(-\frac{3}{8}\right) \\ & = - \left(\frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{6}}} \times \frac{\overset{1}{\cancel{4}}}{\underset{3}{\cancel{15}}} \times \frac{\cancel{3}^1}{\underset{8}{\cancel{8}}}\right) \\ & = -\frac{1}{12} \end{aligned}$$

$-\frac{1}{12}$

$$\begin{aligned} \textcircled{5} \quad & 15 \times (-1.1) \times (-0.2) \\ & = +(15 \times 1.1 \times 0.2) \\ & = +(1.1 \times 15 \times 0.2) \\ & = +(1.1 \times 3) \\ & = 3.3 \end{aligned}$$

3.3

$$\begin{aligned} \textcircled{6} \quad & \frac{3}{16} \times 8 \times \left(-\frac{1}{18}\right) \\ & = - \left(\frac{\overset{1}{\cancel{3}}}{\underset{2}{\cancel{16}}} \times \frac{\cancel{8}^1}{\cancel{1}} \times \frac{\cancel{1}}{\underset{6}{\cancel{18}}}\right) \\ & = -\frac{1}{12} \end{aligned}$$

$-\frac{1}{12}$





・ 次の計算をなさい。

$$\textcircled{1} \quad \frac{6}{7} \times \frac{1}{3} \times \left(-\frac{3}{4}\right)$$

$$= - \left(\frac{\overset{3}{\cancel{6}}}{7} \times \frac{1}{\underset{1}{\cancel{3}}} \times \frac{\overset{1}{\cancel{3}}}{\underset{2}{\cancel{4}}} \right)$$

$$= - \frac{3}{14}$$

$$\underline{\underline{-\frac{3}{14}}}$$

$$\textcircled{2} \quad (-4.5) \times (-2) \times 0.7$$

$$= + (4.5 \times 2 \times 0.7)$$

$$= + (9 \times 0.7)$$

$$= 6.3$$

$$\underline{\underline{6.3}}$$

$$\textcircled{3} \quad (-18) \times \left(-\frac{2}{9}\right) \times \frac{1}{8}$$

$$= + \left(\frac{\overset{1}{\cancel{2}} \overset{2}{\cancel{18}}}{1} \times \frac{\overset{1}{\cancel{2}}}{\underset{1}{\cancel{9}}} \times \frac{1}{\underset{4}{\cancel{8}}} \right)$$

$$= \frac{1}{2}$$

$$\underline{\underline{\frac{1}{2}}}$$

$$\textcircled{4} \quad 1.3 \times 0.2 \times (-25)$$

$$= - (1.3 \times 0.2 \times 25)$$

$$= - (1.3 \times 5)$$

$$= -6.5$$

$$\underline{\underline{-6.5}}$$

$$\textcircled{5} \quad \left(-\frac{7}{12}\right) \times \left(-\frac{2}{5}\right) \times \frac{3}{7}$$

$$= + \left(\frac{\overset{1}{\cancel{7}}}{\underset{2}{\cancel{12}}} \times \frac{\overset{2}{\cancel{2}}}{5} \times \frac{\overset{3}{\cancel{3}}}{\underset{1}{\cancel{7}}} \right)$$

$$= \frac{1}{10}$$

$$\underline{\underline{\frac{1}{10}}}$$

$$\textcircled{6} \quad \frac{1}{8} \times \left(-\frac{5}{21}\right) \times 56$$

$$= - \left(\frac{1}{\underset{1}{\cancel{8}}} \times \frac{5}{\underset{3}{\cancel{21}}} \times \frac{\overset{7}{\cancel{56}}}{1} \right)$$

$$= -\frac{5}{3}$$

$$\underline{\underline{-\frac{5}{3}}}$$





・ 次の計算をなさい。

$$\textcircled{1} (-2.4) \times 5 \times 0.9$$

$$= -(2.4 \times 5 \times 0.9)$$

$$= -(12 \times 0.9)$$

$$= -10.8$$

$$\underline{-10.8}$$

$$\textcircled{2} \frac{5}{6} \times \frac{3}{4} \times (-\frac{14}{15})$$

$$= -(\frac{1}{2} \times \frac{3}{4} \times \frac{14}{15})$$

$$= -\frac{7}{12}$$

$$\underline{-\frac{7}{12}}$$

$$\textcircled{3} \frac{9}{20} \times (-25) \times (-\frac{1}{15})$$

$$= +(\frac{3}{4} \times \frac{25}{1} \times \frac{1}{15})$$

$$= \frac{3}{4}$$

$$\underline{\frac{3}{4}}$$

$$\textcircled{4} (-\frac{3}{5}) \times (-\frac{15}{16}) \times \frac{4}{5}$$

$$= +(\frac{3}{5} \times \frac{15}{16} \times \frac{4}{5})$$

$$= \frac{9}{20}$$

$$\underline{\frac{9}{20}}$$

$$\textcircled{5} (-1.5) \times (-0.3) \times 4$$

$$= +(1.5 \times 0.3 \times 4)$$

$$= +(0.3 \times 1.5 \times 4)$$

$$= +(0.3 \times 6)$$

$$= 1.8$$

$$\underline{1.8}$$

$$\textcircled{6} 27 \times (-\frac{1}{6}) \times \frac{2}{3}$$

$$= -(\frac{27}{1} \times \frac{1}{6} \times \frac{2}{3})$$

$$= -3$$

$$\underline{-3}$$





・ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{4}{15}\right) \times \left(-\frac{5}{8}\right) \times 4 \\ & = + \left(\frac{\overset{1}{\cancel{4}}}{\underset{3}{\cancel{15}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{8}}} \times \frac{\overset{2}{\cancel{4}}}{\underset{1}{\cancel{1}}} \right) \\ & = \frac{2}{3} \end{aligned}$$

 $\frac{2}{3}$

$$\begin{aligned} \textcircled{2} \quad & 8 \times (-2.5) \times 1.1 \\ & = - (8 \times 2.5 \times 1.1) \\ & = - (20 \times 1.1) \\ & = -22 \end{aligned}$$

 -22

$$\begin{aligned} \textcircled{3} \quad & \frac{4}{5} \times \left(-\frac{9}{16}\right) \times \left(-\frac{2}{3}\right) \\ & = + \left(\frac{\overset{1}{\cancel{4}}}{\underset{5}{\cancel{5}}} \times \frac{\overset{3}{\cancel{9}}}{\underset{4}{\cancel{16}}} \times \frac{\overset{1}{\cancel{2}}}{\underset{3}{\cancel{3}}} \right) \\ & = \frac{3}{10} \end{aligned}$$

 $\frac{3}{10}$

$$\begin{aligned} \textcircled{4} \quad & \left(-\frac{1}{5}\right) \times (-15) \times \frac{1}{18} \\ & = + \left(\frac{\overset{1}{\cancel{1}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{3}{\cancel{15}}}{\underset{1}{\cancel{1}}} \times \frac{\overset{1}{\cancel{1}}}{\underset{6}{\cancel{18}}} \right) \\ & = \frac{1}{6} \end{aligned}$$

 $\frac{1}{6}$

$$\begin{aligned} \textcircled{5} \quad & \left(-\frac{3}{8}\right) \times \left(-\frac{4}{15}\right) \times \left(-\frac{5}{6}\right) \\ & = - \left(\frac{\overset{1}{\cancel{3}}}{\underset{2}{\cancel{8}}} \times \frac{\overset{1}{\cancel{4}}}{\underset{3}{\cancel{15}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{6}}} \right) \\ & = -\frac{1}{12} \end{aligned}$$

 $-\frac{1}{12}$

$$\begin{aligned} \textcircled{6} \quad & (-1.6) \times 0.7 \times 5 \\ & = - (1.6 \times 0.7 \times 5) \\ & = - (0.7 \times 1.6 \times 5) \\ & = - (0.7 \times 8) \\ & = -5.6 \end{aligned}$$

 -5.6





・ 次の計算をしなさい。

$$\textcircled{1} (-1.8) \times 0.3 \times (-5)$$

$$= + (1.8 \times 0.3 \times 5)$$

$$= + (0.3 \times 1.8 \times 5)$$

$$= + (0.3 \times 9)$$

$$= 2.7$$

$$\underline{\quad 2.7 \quad}$$

$$\textcircled{2} 11 \times (-5) \times (-1) \times (-6)$$

$$= - (11 \times 5 \times 1 \times 6)$$

$$= - (11 \times 1 \times 5 \times 6)$$

$$= - (11 \times 30)$$

$$= -330$$

$$\underline{\quad -330 \quad}$$

$$\textcircled{3} \frac{3}{4} \times \frac{5}{6} \times (-8)$$

$$= - \left(\frac{\cancel{3}^1}{\cancel{4}_2} \times \frac{\cancel{5}}{\cancel{6}_2} \times \frac{\cancel{8}^2}{\cancel{1}} \right)$$

$$= -5$$

$$\underline{\quad -5 \quad}$$

$$\textcircled{4} (-3) \times (-8) \times 2$$

$$= + (3 \times 8 \times 2)$$

$$= 48$$

$$\underline{\quad 48 \quad}$$

$$\textcircled{5} \left(-\frac{7}{18}\right) \times \left(-\frac{3}{5}\right) \times \frac{2}{7}$$

$$= + \left(\frac{\cancel{7}^1}{\cancel{18}_3} \times \frac{\cancel{3}^1}{5} \times \frac{\cancel{2}^1}{\cancel{7}_1} \right)$$

$$= \frac{1}{15}$$

$$\underline{\quad \frac{1}{15} \quad}$$

$$\textcircled{6} (-7) \times (-25) \times 3 \times (-4)$$

$$= - (7 \times 25 \times 3 \times 4)$$

$$= - (7 \times 3 \times 25 \times 4)$$

$$= - (21 \times 100)$$

$$= -2100$$

$$\underline{\quad -2100 \quad}$$





・次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \left(-\frac{9}{13}\right) \times \frac{26}{27} \times \frac{3}{8} \\ &= -\left(\frac{\overset{1}{\cancel{9}}}{\underset{1}{\cancel{13}}} \times \frac{\overset{2}{\cancel{26}}}{\underset{3}{\cancel{27}}} \times \frac{\overset{1}{\cancel{3}}}{\underset{4}{\cancel{8}}}\right) \\ &= -\frac{1}{4} \end{aligned}$$

$$-\frac{1}{4}$$

$$\begin{aligned} \textcircled{2} \quad & (-8) \times 3 \times (-25) \times 9 \\ &= +(8 \times 3 \times 25 \times 9) \\ &= +(3 \times 9 \times 8 \times 25) \\ &= +(27 \times 200) \\ &= 5400 \end{aligned}$$

$$5400$$

$$\begin{aligned} \textcircled{3} \quad & 12 \times (-0.5) \times 2.1 \\ &= -(12 \times 0.5 \times 2.1) \\ &= -(6 \times 2.1) \\ &= -12.6 \end{aligned}$$

$$-12.6$$

$$\begin{aligned} \textcircled{4} \quad & 9 \times (-2) \times 3 \\ &= -(9 \times 2 \times 3) \\ &= -54 \end{aligned}$$

$$-54$$

$$\begin{aligned} \textcircled{5} \quad & (-18) \times \frac{2}{5} \times \left(-\frac{1}{9}\right) \\ &= +\left(\frac{\overset{2}{\cancel{18}}}{\underset{1}{\cancel{1}}} \times \frac{2}{5} \times \frac{\overset{1}{\cancel{1}}}{\underset{9}{\cancel{9}}}\right) \\ &= \frac{4}{5} \end{aligned}$$

$$\frac{4}{5}$$

$$\begin{aligned} \textcircled{6} \quad & (-125) \times (-8) \times (-1) \times 7 \\ &= -(125 \times 8 \times 1 \times 7) \\ &= -(1000 \times 7) \\ &= -7000 \end{aligned}$$

$$-7000$$





・ 次の計算をなさい。

$$\textcircled{1} 3 \times (-4) \times (-15)$$

$$= + (3 \times 4 \times 15)$$

$$= + (3 \times 60)$$

$$= 180$$

180

$$\textcircled{2} (-0.4) \times 25 \times (-0.3)$$

$$= + (0.4 \times 25 \times 0.3)$$

$$= + (10 \times 0.3)$$

$$= 3$$

3

$$\textcircled{3} \left(-\frac{1}{3}\right) \times 45 \times \frac{2}{9}$$

$$= - \left(\frac{1}{3} \times \frac{45}{1} \times \frac{2}{9} \right)$$

$$= -\frac{10}{3}$$

$-\frac{10}{3}$

$$\textcircled{4} (-5) \times (-1) \times 3 \times (-18)$$

$$= - (5 \times 1 \times 3 \times 18)$$

$$= - (1 \times 3 \times 5 \times 18)$$

$$= - (3 \times 90)$$

$$= -270$$

-270

$$\textcircled{5} \frac{9}{14} \times \left(-\frac{5}{8}\right) \times \frac{7}{15}$$

$$= - \left(\frac{\overset{3}{\cancel{9}}}{\underset{2}{\cancel{14}}} \times \frac{\overset{1}{\cancel{5}}}{8} \times \frac{\overset{7}{\cancel{7}}}{\underset{3}{\cancel{15}}} \right)$$

$$= -\frac{3}{16}$$

$-\frac{3}{16}$

$$\textcircled{6} (-4) \times 2 \times (-9)$$

$$= + (4 \times 2 \times 9)$$

$$= 72$$

72





・ 次の計算をなさい。

$$\begin{aligned}\textcircled{1} \quad & \frac{5}{9} \times \left(-\frac{4}{15}\right) \times \frac{3}{16} \\ &= -\left(\frac{\overset{1}{\cancel{5}}}{\underset{3}{\cancel{9}}} \times \frac{\overset{1}{\cancel{4}}}{\underset{5}{\cancel{15}}} \times \frac{\overset{3}{\cancel{3}}}{\underset{4}{\cancel{16}}}\right) \\ &= -\frac{1}{36}\end{aligned}$$

$$\underline{-\frac{1}{36}}$$

$$\begin{aligned}\textcircled{2} \quad & (-3) \times (-7) \times (-25) \times 8 \\ &= -(3 \times 7 \times 25 \times 8) \\ &= -(21 \times 200) \\ &= -4200\end{aligned}$$

$$\underline{-4200}$$

$$\begin{aligned}\textcircled{3} \quad & (-2) \times (-8) \times 4 \\ &= +(2 \times 8 \times 4) \\ &= 64\end{aligned}$$

$$\underline{64}$$

$$\begin{aligned}\textcircled{4} \quad & \frac{1}{30} \times \left(-\frac{5}{7}\right) \times (-21) \\ &= +\left(\frac{\overset{1}{\cancel{1}}}{\underset{2}{\cancel{30}}} \times \frac{\overset{5}{\cancel{5}}}{\underset{1}{\cancel{7}}} \times \frac{\overset{3}{\cancel{21}}}{\underset{1}{\cancel{1}}}\right) \\ &= \frac{1}{2}\end{aligned}$$

$$\underline{\frac{1}{2}}$$

$$\begin{aligned}\textcircled{5} \quad & 5 \times (-4) \times (-11) \times (-3) \\ &= -(5 \times 4 \times 11 \times 3) \\ &= -(20 \times 33) \\ &= -660\end{aligned}$$

$$\underline{-660}$$

$$\begin{aligned}\textcircled{6} \quad & (-1.6) \times (-0.9) \times 5 \\ &= +(1.6 \times 0.9 \times 5) \\ &= +(0.9 \times 1.6 \times 5) \\ &= +(0.9 \times 8) \\ &= 7.2\end{aligned}$$

$$\underline{7.2}$$





・次の計算をなさい。

$$\textcircled{1} \left(-\frac{3}{7}\right) \times \left(-\frac{5}{6}\right) \times \frac{4}{15}$$

$$= + \left(\frac{\overset{1}{\cancel{3}}}{7} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{6}}} \times \frac{\overset{4}{\cancel{15}}}{\underset{3}{\cancel{15}}} \right)$$

$$= \frac{2}{21}$$

$$\underline{\frac{2}{21}}$$

$$\textcircled{2} (-21) \times 3 \times 2$$

$$= -(21 \times 3 \times 2)$$

$$= -126$$

$$\underline{-126}$$

$$\textcircled{3} 2 \times (-2.5) \times 1.3$$

$$= -(2 \times 2.5 \times 1.3)$$

$$= -(5 \times 1.3)$$

$$= -6.5$$

$$\underline{-6.5}$$

$$\textcircled{4} (-25) \times (-1) \times 3 \times (-4)$$

$$= -(25 \times 1 \times 3 \times 4)$$

$$= -(1 \times 3 \times 25 \times 4)$$

$$= -(3 \times 100)$$

$$= -300$$

$$\underline{-300}$$

$$\textcircled{5} \left(-\frac{5}{12}\right) \times 18 \times \left(-\frac{1}{10}\right)$$

$$= + \left(\frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{12}}} \times \frac{\overset{18^3}{\cancel{18}}}{1} \times \frac{1}{\underset{2}{\cancel{10}}} \right)$$

$$= \frac{3}{4}$$

$$\underline{\frac{3}{4}}$$

$$\textcircled{6} (-8) \times 7 \times (-2)$$

$$= +(8 \times 7 \times 2)$$

$$= 112$$

$$\underline{112}$$





・ 次の計算を下さい。(各20点)

$$\begin{aligned}\textcircled{1} \quad & \left(-\frac{5}{9}\right) \times \left(-\frac{9}{16}\right) \times \frac{4}{3} \\ & = + \left(\frac{5}{\cancel{9}_1} \times \frac{\cancel{9}^1}{\cancel{16}_4} \times \frac{\cancel{4}^1}{3} \right) \\ & = \frac{5}{12}\end{aligned}$$

$$\underline{\frac{5}{12}}$$

$$\begin{aligned}\textcircled{2} \quad & (-6) \times 3 \times 4 \\ & = -(6 \times 3 \times 4) \\ & = -72\end{aligned}$$

$$\underline{-72}$$

$$\begin{aligned}\textcircled{3} \quad & (-2.5) \times 1.7 \times (-4) \\ & = +(2.5 \times 1.7 \times 4) \\ & = +(1.7 \times 2.5 \times 4) \\ & = +(1.7 \times 10) \\ & = 17\end{aligned}$$

$$\underline{17}$$

$$\begin{aligned}\textcircled{4} \quad & (-7) \times 8 \times (-3) \times (-5) \\ & = -(7 \times 8 \times 3 \times 5) \\ & = -(7 \times 3 \times 8 \times 5) \\ & = -(21 \times 40) \\ & = -840\end{aligned}$$

$$\underline{-840}$$

$$\begin{aligned}\textcircled{5} \quad & \frac{6}{5} \times (-3) \times \frac{7}{18} \\ & = - \left(\frac{\cancel{6}^1}{5} \times \frac{\cancel{3}^1}{1} \times \frac{7}{\cancel{18}_3} \right) \\ & = -\frac{7}{5}\end{aligned}$$

$$\underline{-\frac{7}{5}}$$





・ 次の計算をなさい。(各20点)

$$\begin{aligned} \textcircled{1} \quad & (-16) \times \frac{3}{4} \times \left(-\frac{1}{8}\right) \\ & = + \left(\overset{1}{\cancel{4}} \overset{1}{\cancel{16}} \times \frac{3}{\underset{1}{\cancel{4}}} \times \frac{1}{\underset{2}{\cancel{8}}} \right) \\ & = \frac{3}{2} \end{aligned}$$

$$\underline{\frac{3}{2}}$$

$$\begin{aligned} \textcircled{2} \quad & (-4) \times 9 \times (-15) \times (-1) \\ & = -(4 \times 9 \times 15 \times 1) \\ & = -(9 \times 1 \times 4 \times 15) \\ & = -(9 \times 60) \\ & = -540 \end{aligned}$$

$$\underline{-540}$$

$$\begin{aligned} \textcircled{3} \quad & \left(-\frac{2}{3}\right) \times \frac{7}{8} \times \frac{3}{14} \\ & = - \left(\overset{1}{\cancel{2}} \overset{1}{\cancel{7}} \times \frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{14}}} \times \frac{1}{\underset{1}{\cancel{8}}} \right) \\ & = -\frac{1}{8} \end{aligned}$$

$$\underline{-\frac{1}{8}}$$

$$\begin{aligned} \textcircled{4} \quad & 0.3 \times 6 \times (-1.5) \\ & = -(0.3 \times 6 \times 1.5) \\ & = -(0.3 \times 9) \\ & = -2.7 \end{aligned}$$

$$\underline{-2.7}$$

$$\begin{aligned} \textcircled{5} \quad & (-25) \times (-7) \times 2 \\ & = +(25 \times 7 \times 2) \\ & = +(7 \times 25 \times 2) \\ & = +(7 \times 50) \\ & = 350 \end{aligned}$$

$$\underline{350}$$

