



【正負の数C10】

3数以上のかけ算わり算  
(整数)

点

⑮ 力だめし

・ 次の計算をなさい。(各20点)

①  $18 \div (-12) \times 6$

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

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③  $(-9) \times (-4) \div (-10)$

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④  $(-6) \times 9 \times 5$

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⑤  $(-36) \div 14 \div (-8)$

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・ 次の計算をなさい。(各20点)

①  $18 \div (-12) \times 6$

$$= 18 \times \left(-\frac{1}{12}\right) \times 6$$

$$= -\left(\frac{\overset{3}{\cancel{18}}}{\cancel{1}} \times \frac{1}{\cancel{12}_2} \times \frac{\overset{3}{\cancel{6}}}{\cancel{1}}\right)$$

$$= -9$$

$$\underline{\quad -9 \quad}$$

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

$$= +(3 \times 8 \times 7 \times 25)$$

$$= +(3 \times 7 \times 8 \times 25)$$

$$= +(21 \times 200)$$

$$= 4200$$

$$\underline{\quad 4200 \quad}$$

③  $(-9) \times (-4) \div (-10)$

$$= (-9) \times (-4) \times \left(-\frac{1}{10}\right)$$

$$= -\left(\frac{9}{1} \times \frac{\overset{2}{\cancel{4}}}{\cancel{1}} \times \frac{1}{\cancel{10}_5}\right)$$

$$= -\frac{18}{5}$$

$$\underline{\quad -\frac{18}{5} \quad}$$

④  $(-6) \times 9 \times 5$

$$= -(6 \times 9 \times 5)$$

$$= -(9 \times 6 \times 5)$$

$$= -(9 \times 30)$$

$$= -270$$

$$\underline{\quad -270 \quad}$$

⑤  $(-36) \div 14 \div (-8)$

$$= (-36) \times \frac{1}{14} \times \left(-\frac{1}{8}\right)$$

$$= +\left(\frac{\overset{9}{\cancel{36}}}{\cancel{1}} \times \frac{1}{\cancel{14}_7} \times \frac{1}{\cancel{8}_4}\right)$$

$$= \frac{9}{28}$$

$$\underline{\quad \frac{9}{28} \quad}$$

