

## 正の数と負の数 [除法]

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<演習問題>

次の計算をせよ。

$$(1) \quad (+8) \div (+4)$$

$$(2) \quad (+12) \div (+3)$$

$$(3) \quad (+16) \div (+4)$$

$$(4) \quad (-9) \div (+3)$$

$$(5) \quad (-6) \div (+3)$$

$$(6) \quad (-18) \div (+9)$$

$$(7) \quad (+9) \div (-9)$$

$$(8) \quad (+12) \div (-6)$$

$$(9) \quad (+14) \div (-2)$$

$$(10) \quad (+18) \div (-3)$$

$$(11) \quad (-24) \div (-6)$$

$$(12) \quad (-56) \div (-8)$$

$$(13) \quad (-105) \div (-7)$$

$$(14) \quad (-144) \div (-12)$$

$$(15) \quad (+169) \div (-13)$$

$$(16) \quad \left(-\frac{4}{3}\right) \div \left(+\frac{2}{3}\right)$$

$$(17) \quad \left(-\frac{5}{8}\right) \div \left(+\frac{5}{4}\right)$$

$$(18) \quad \left(-\frac{7}{12}\right) \div \left(-\frac{7}{4}\right)$$

$$(19) \quad \left(-\frac{5}{13}\right) \div \left(-\frac{10}{3}\right)$$

$$(20) \quad \left(+\frac{9}{14}\right) \div \left(-\frac{3}{2}\right)$$

# 正の数と負の数 [除法]

<演習問題>

次の計算をせよ。

$$(1) \quad (+8) \div (+4)$$

$$\begin{aligned} (+8) \div (+4) &= +(8 \div 4) \\ &= +2 \end{aligned}$$

$$(2) \quad (+12) \div (+3)$$

$$\begin{aligned} (+12) \div (+3) &= +(12 \div 3) \\ &= +4 \end{aligned}$$

$$(3) \quad (+16) \div (+4)$$

$$\begin{aligned} (+16) \div (+4) &= +(16 \div 4) \\ &= +4 \end{aligned}$$

$$(4) \quad (-9) \div (+3)$$

$$\begin{aligned} (-9) \div (+3) &= -(9 \div 3) \\ &= -3 \end{aligned}$$

$$(5) \quad (-6) \div (+3)$$

$$\begin{aligned} (-6) \div (+3) &= -(6 \div 3) \\ &= -2 \end{aligned}$$

$$(6) \quad (-18) \div (+9)$$

$$\begin{aligned} (-18) \div (+9) &= -(18 \div 9) \\ &= -2 \end{aligned}$$

$$(7) \quad (+9) \div (-9)$$

$$\begin{aligned} (+9) \div (-9) &= -(9 \div 9) \\ &= -1 \end{aligned}$$

$$(8) \quad (+12) \div (-6)$$

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

$$(9) \quad (+14) \div (-2)$$

$$\begin{aligned} (+14) \div (-2) &= -(14 \div 2) \\ &= -7 \end{aligned}$$

$$(10) \quad (+18) \div (-3)$$

$$\begin{aligned} (+18) \div (-3) &= -(18 \div 3) \\ &= -6 \end{aligned}$$

$$(11) \quad (-24) \div (-6)$$

$$\begin{aligned} (-24) \div (-6) &= +(24 \div 6) \\ &= +4 \end{aligned}$$

$$(12) \quad (-56) \div (-8)$$

$$\begin{aligned} (-56) \div (-8) &= +(56 \div 8) \\ &= +7 \end{aligned}$$

$$(13) \quad (-105) \div (-7)$$

$$\begin{aligned} (-105) \div (-7) &= +(105 \div 7) \\ &= +15 \end{aligned}$$

$$(14) \quad (-144) \div (-12)$$

$$\begin{aligned} (-144) \div (-12) &= +(144 \div 12) \\ &= +12 \end{aligned}$$

$$(15) \quad (+169) \div (-13)$$

$$\begin{aligned} (+169) \div (-13) &= -(169 \div 13) \\ &= -13 \end{aligned}$$

$$(16) \quad \left(-\frac{4}{3}\right) \div \left(+\frac{2}{3}\right)$$

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

$$(17) \quad \left(-\frac{5}{8}\right) \div \left(+\frac{5}{4}\right)$$

$$\begin{aligned} \left(-\frac{5}{8}\right) \div \left(+\frac{5}{4}\right) &= \left(-\frac{5}{8}\right) \times \left(+\frac{4}{5}\right) \\ &= -\frac{1}{2} \end{aligned}$$

$$(18) \quad \left(-\frac{7}{12}\right) \div \left(-\frac{7}{4}\right)$$

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

$$(19) \quad \left(-\frac{5}{13}\right) \div \left(-\frac{10}{3}\right)$$

$$\begin{aligned} \left(-\frac{5}{13}\right) \div \left(-\frac{10}{3}\right) &= \left(-\frac{5}{13}\right) \times \left(-\frac{3}{10}\right) \\ &= +\frac{3}{26} \end{aligned}$$

$$(20) \quad \left(+\frac{9}{14}\right) \div \left(-\frac{3}{2}\right)$$

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