

正の数と負の数 [乗法]

<演習問題>

次の計算をせよ。

(1) $(+4) \times (+3)$

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

(3) $(+12) \times (+7)$

(4) $(+5) \times (-2)$

(5) $(+7) \times (-1)$

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

(7) $(+2) \times (-3)$

(8) $(+9) \times (-13)$

(9) $(-4) \times (-7)$

(10) $(-7) \times (-8)$

(11) $(-8) \times (-2)$

(12) $(-14) \times (-4)$

(13) $(-21) \times (-5)$

(14) $(+0.5) \times (-4)$

(15) $(-0.4) \times (+8)$

(16) $(-1.7) \times (-3)$

(17) $(-\frac{1}{3}) \times (+\frac{1}{4})$

(18) $(-\frac{2}{5}) \times (-\frac{15}{4})$

(19) $(+\frac{5}{6}) \times (-\frac{12}{5})$

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<演習問題>

次の計算をせよ。

(1) $(+4) \times (+3)$

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

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

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

(3) $(+12) \times (+7)$

$$\begin{aligned} (+12) \times (+7) &= +(12 \times 7) \\ &= +84 \end{aligned}$$

(4) $(+5) \times (-2)$

$$\begin{aligned} (+5) \times (-2) &= -(5 \times 2) \\ &= -10 \end{aligned}$$

(5) $(+7) \times (-1)$

$$\begin{aligned} (+7) \times (-1) &= -(7 \times 1) \\ &= -7 \end{aligned}$$

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

$$\begin{aligned} (+5) \times (-9) &= -(5 \times 9) \\ &= -45 \end{aligned}$$

(7) $(+2) \times (-3)$

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

(8) $(+9) \times (-13)$

$$\begin{aligned} (+9) \times (-13) &= -(9 \times 13) \\ &= -117 \end{aligned}$$

(9) $(-4) \times (-7)$

$$\begin{aligned} (-4) \times (-7) &= +(4 \times 7) \\ &= +28 \end{aligned}$$

(10) $(-7) \times (-8)$

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

(11) $(-8) \times (-2)$

$$\begin{aligned} (-8) \times (-2) &= +(8 \times 2) \\ &= +16 \end{aligned}$$

(12) $(-14) \times (-4)$

$$\begin{aligned} (-14) \times (-4) &= +(14 \times 4) \\ &= +56 \end{aligned}$$

(13) $(-21) \times (-5)$

$$\begin{aligned} (-21) \times (-5) &= +(21 \times 5) \\ &= +105 \end{aligned}$$

(14) $(+0.5) \times (-4)$

$$\begin{aligned} (+0.5) \times (-4) &= -(0.5 \times 4) \\ &= -2 \end{aligned}$$

(15) $(-0.4) \times (+8)$

$$\begin{aligned} (-0.4) \times (+8) &= -(0.4 \times 8) \\ &= -3.2 \end{aligned}$$

(16) $(-1.7) \times (-3)$

$$\begin{aligned} (-1.7) \times (-3) &= +(1.7 \times 3) \\ &= +5.1 \end{aligned}$$

(17) $(-\frac{1}{3}) \times (+\frac{1}{4})$

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

(18) $(-\frac{2}{5}) \times (-\frac{15}{4})$

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

(19) $(+\frac{5}{6}) \times (-\frac{12}{5})$

$$\begin{aligned} \left(+\frac{5}{6}\right) \times \left(-\frac{12}{5}\right) &= -\left(\frac{5}{6} \times \frac{12}{5}\right) \\ &= -2 \end{aligned}$$