

正の数と負の数 [加法と減法の混じった計算]

<演習問題>

次の計算をせよ。

(1) $(+7) - (-3) + (+2)$

(11) $-7 + 8 - 5$

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

(12) $2 - 9 - 12$

(3) $(+7) - (+4) - (+5)$

(13) $-1 + 6 - 7$

(4) $(+1) - (+7) - (+8)$

(14) $-2 - (-3) - (-5)$

(5) $(+1) - (+3) - (+4)$

(15) $-1 - 2 - (-3)$

(6) $(+5) - (-1) - (-9)$

(16) $-1.7 - 1.3 + 0.2$

(7) $(-2) - (-9) + (+7)$

(17) $1.1 - 1.6 + (-0.1)$

(8) $(-7) - (+4) + (+8)$

(18) $1 - (-0.1) + (-0.01)$

(9) $(-9) - (+2) - (+1)$

(19) $-\frac{1}{2} - \left(-\frac{1}{3}\right) + \left(+\frac{1}{4}\right)$

(10) $(-4) + (-7) - (-1)$

正の数と負の数 [加法と減法の混じった計算]

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次の計算をせよ。

$$(1) (+7) - (-3) + (+2)$$

$$\begin{aligned} (+7) - (-3) + (+2) &= (+7) + (+3) + (+2) \\ &= 12 \end{aligned}$$

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

$$\begin{aligned} (+4) - (-4) + (+5) &= (+4) + (+4) + (+5) \\ &= 13 \end{aligned}$$

$$(3) (+7) - (+4) - (+5)$$

$$\begin{aligned} (+7) - (+4) - (+5) &= (+7) + (-4) + (-5) \\ &= -2 \end{aligned}$$

$$(4) (+1) - (+7) - (+8)$$

$$\begin{aligned} (+1) - (+7) - (+8) &= (+1) + (-7) + (-8) \\ &= -14 \end{aligned}$$

$$(5) (+1) - (+3) - (+4)$$

$$\begin{aligned} (+1) - (+3) - (+4) &= (+1) + (-3) + (-4) \\ &= -6 \end{aligned}$$

$$(6) (+5) - (-1) - (-9)$$

$$\begin{aligned} (+5) - (-1) - (-9) &= (+5) + (+1) + (+9) \\ &= 15 \end{aligned}$$

$$(7) (-2) - (-9) + (+7)$$

$$\begin{aligned} (-2) - (-9) + (+7) &= (-2) + (+9) + (+7) \\ &= 14 \end{aligned}$$

$$(8) (-7) - (+4) + (+8)$$

$$\begin{aligned} (-7) - (+4) + (+8) &= (-7) + (-4) + (+8) \\ &= -3 \end{aligned}$$

$$(9) (-9) - (+2) - (+1)$$

$$\begin{aligned} (-9) - (+2) - (+1) &= (-9) + (-2) + (-1) \\ &= -12 \end{aligned}$$

$$(10) (-4) + (-7) - (-1)$$

$$\begin{aligned} (-4) + (-7) - (-1) &= (-4) + (-7) + (+1) \\ &= -10 \end{aligned}$$

$$(11) -7 + 8 - 5$$

$$\begin{aligned} -7 + 8 - 5 &= (-7) + (+8) + (-5) \\ &= -4 \end{aligned}$$

$$(12) 2 - 9 - 12$$

$$\begin{aligned} 2 - 9 - 12 &= (+2) + (-9) + (-12) \\ &= -19 \end{aligned}$$

$$(13) -1 + 6 - 7$$

$$\begin{aligned} -1 + 6 - 7 &= (-1) + (+6) + (-7) \\ &= -2 \end{aligned}$$

$$(14) -2 - (-3) - (-5)$$

$$\begin{aligned} -2 - (-3) - (-5) &= (-2) + (+3) + (+5) \\ &= 6 \end{aligned}$$

$$(15) -1 - 2 - (-3)$$

$$\begin{aligned} -1 - 2 - (-3) &= (-1) + (-2) + (+3) \\ &= 0 \end{aligned}$$

$$(16) -1.7 - 1.3 + 0.2$$

$$\begin{aligned} -1.7 - 1.3 + 0.2 &= (-1.7) + (-1.3) + (+0.2) \\ &= -2.8 \end{aligned}$$

$$(17) 1.1 - 1.6 + (-0.1)$$

$$\begin{aligned} 1.1 - 1.6 + (-0.1) &= (+1.1) + (-1.6) + (-0.1) \\ &= -0.6 \end{aligned}$$

$$(18) 1 - (-0.1) + (-0.01)$$

$$\begin{aligned} 1 - (-0.1) + (-0.01) &= (+1) + (+0.1) + (-0.01) \\ &= 1.09 \end{aligned}$$

$$(19) -\frac{1}{2} - \left(-\frac{1}{3}\right) + \left(+\frac{1}{4}\right)$$

$$\begin{aligned} -\frac{1}{2} - \left(-\frac{1}{3}\right) + \left(+\frac{1}{4}\right) &= \left(-\frac{6}{12}\right) + \left(+\frac{4}{12}\right) + \left(+\frac{3}{12}\right) \\ &= \frac{1}{12} \end{aligned}$$