

正の数と負の数（加法と減法）解答と解説

1 解答 (1) +9 (2) +11 (3) -10 (4) -11

$$(1) (+7)+(+2)=+(7+2) \\ =+9$$

$$(2) (+5)+(+6)=+(5+6) \\ =+11$$

$$(3) (-3)+(-7)=- (3+7) \\ =-10$$

$$(4) (-8)+(-3)=- (8+3) \\ =-11$$

2 解答 (1) +6 (2) -4 (3) -2 (4) +10

$$(1) (+8)+(-2)=+(8-2) \\ =+6$$

$$(2) (+5)+(-9)=- (9-5) \\ =-4$$

$$(3) (-7)+(+5)=- (7-5) \\ =-2$$

$$(4) (-1)+(+11)=+(11-1) \\ =+10$$

3 解答 (1) -17 (2) +13 (3) -10 (4) +25 (5) +10 (6) -36
(7) -9 (8) -22

$$(1) (-2)+(-15)=- (2+15) \\ =-17$$

$$(2) (+19)+(-6)=+(19-6) \\ =+13$$

$$(3) (-10)+0=-10$$

$$(4) (+16)+(+9)=+(16+9) \\ =+25$$

$$(5) (-11)+(+21)=+(21-11) \\ =+10$$

$$(6) (-17)+(-19)=- (17+19) \\ =-36$$

$$(7) (-24)+(+15)=- (24-15) \\ =-9$$

$$(8) (+14)+(-36)=- (36-14) \\ =-22$$

4 解答 (1) +1 (2) -1 (3) -12 (4) -9

$$(1) (+4)-(+3)=(+4)+(-3) \\ =+1$$

$$(2) (+5)-(+6)=(+5)+(-6) \\ =-1$$

$$(3) (-8)-(+4)=(-8)+(-4) \\ =-12$$

$$(4) (-2)-(+7)=(-2)+(-7) \\ =-9$$

5 解答 (1) +7 (2) +8 (3) +3 (4) -6

$$(1) (+5)-(-2)=(+5)+(+2) \\ =+7$$

$$(2) (+1)-(-7)=(+1)+(+7) \\ =+8$$

$$(3) (-3)-(-6)=(-3)+(+6) \\ =+3$$

$$(4) (-8)-(-2)=(-8)+(+2) \\ =-6$$

6 解答 (1) -14 (2) $+20$ (3) -19 (4) $+17$ (5) -6 (6) -9

(7) $+31$ (8) -50

$$\begin{aligned}(1) \quad (-5) - (+9) &= (-5) + (-9) \\ &= -14\end{aligned}$$

$$\begin{aligned}(2) \quad (+8) - (-12) &= (+8) + (+12) \\ &= +20\end{aligned}$$

$$\begin{aligned}(3) \quad 0 - (+19) &= 0 + (-19) \\ &= -19\end{aligned}$$

$$\begin{aligned}(4) \quad (+6) - (-11) &= (+6) + (+11) \\ &= +17\end{aligned}$$

$$\begin{aligned}(5) \quad (-15) - (-9) &= (-15) + (+9) \\ &= -6\end{aligned}$$

$$\begin{aligned}(6) \quad (+21) - (+30) &= (+21) + (-30) \\ &= -9\end{aligned}$$

$$\begin{aligned}(7) \quad (+13) - (-18) &= (+13) + (+18) \\ &= +31\end{aligned}$$

$$\begin{aligned}(8) \quad (-25) - (+25) &= (-25) + (-25) \\ &= -50\end{aligned}$$