

3つ以上の加法

例題5 次の計算をせよ。

(1) $(-4)+(-15)+(+4)$

答

(2) $(+9)+(-3)+(-7)+(+15)$

答

問題 次の計算をしなさい。

(1) $(-3.2)+(+5.6)$

答

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

答

(3) $(+8)+(-6)+(-12)$

答

(4) $(-4)+(+6)+(-7)+(+9)$

答

(5) $(+2)+(-7)+(+8)+(-9)$

答

(6) $(-8)+(+2)+(-32)+(+12)$

答

3つ以上の加法

例題 次の計算をせよ。

(1) $(-4)+(-15)+(+4)$

★

$$\begin{aligned} & (-4)+(-15)+(+4) \\ & =(-4)+(+4)+(-15) \\ & =\{(-4)+(+4)\}+(-15) \\ & =0+(-15) \\ & =-15 \end{aligned}$$

答 -15

(2) $(+9)+(-3)+(-7)+(+15)$

★

$$\begin{aligned} & (+9)+(-3)+(-7)+(+15) \\ & =(+9)+(+15)+(-3)+(-7) \\ & =\{(+9)+(+15)\}+\{(-3)+(-7)\} \\ & =(+24)+(-10)=+(24-10) \\ & =+14 \end{aligned}$$

答 $+14$

問題 次の計算をしなさい。

(1) $(-3.2)+(+5.6)$

★

$$\begin{aligned} & =+(5.6-3.2) \\ & =+2.4 \end{aligned}$$

答 $+2.4$

(2) $(+4)+(-8)+(+3)$

★

$$= \left(+\frac{3}{6}\right) + \left(-\frac{2}{6}\right) = +\left(\frac{3}{6} - \frac{2}{6}\right) = +\frac{1}{6}$$

答 $+\frac{1}{6}$

(3) $(+8)+(-6)+(-12)$

★

$$\begin{aligned} & (+8)+(-6)+(-12) \\ & =(+8)+\{(-6)+(-12)\} \\ & =(+8)+(-18)=-(18-8) \\ & =-10 \end{aligned}$$

答 -10

(4) $(-4)+(+6)+(-7)+(+9)$

★

$$\begin{aligned} & (-4)+(+6)+(-7)+(+9) \\ & =\{(+6)+(+9)\}+\{(-4)+(-7)\} \\ & =(+15)+(-11) \\ & =+(15-11) \\ & =+4 \end{aligned}$$

答 $+4$

(5) $(+2)+(-7)+(+8)+(-9)$

★

$$\begin{aligned} & (+2)+(-7)+(+8)+(-9) \\ & =(+2)+(+8)+(-7)+(-9) \\ & =\{(+2)+(+8)\}+\{(-7)+(-9)\} \\ & =(+10)+(-16)=-(16-10) \\ & =-6 \end{aligned}$$

答 -6

(6) $(-8)+(+2)+(-32)+(+12)$

★

$$\begin{aligned} & (-8)+(+2)+(-32)+(+12) \\ & =(+2)+(+12)+(-8)+(-32) \\ & =\{(+2)+(+12)\}+\{(-8)+(-32)\} \\ & =(+14)+(-40)=-(40-14) \\ & =-26 \end{aligned}$$

答 -26