



Exercise 4F

Q17

Answer :

(b) 8

$$\begin{aligned}0 - (-8) \\&= 0 + 8 \\&= 8\end{aligned}$$

Q18

Answer :

(c) 0

$$\begin{aligned}8 + (-8) \\&= 8 - 8 \\&= 0\end{aligned}$$

Q19

Answer :

(c) 1

$$\begin{aligned} & (-6) + 4 - (-3) \\ &= -6 + 4 + 3 \\ &= -6 + 7 \\ &= 1 \end{aligned}$$

Q20

Answer :

(c) 10

$$\begin{aligned} 6 - (-4) \\ = 6 + 4 \\ = 10 \end{aligned}$$

Q21

Answer :

$$(a) -20$$

$$(-7) + (-9) + 12 + (-16)$$

$$= -7 - 9 + 12 - 16$$

$$= -20$$

Q22

Answer :

$$(c) -12$$

$$-4 - 8$$

$$= -12$$

Q23

Answer :

$$(c) 3$$

We have:

$$-6 - (-9)$$

$$= -6 + 9$$

$$= 3$$

Q24

Answer :

(c) 15

We have:

$$\begin{aligned} & 10 - (-5) \\ &= 10 + 5 \\ &= 15 \end{aligned}$$

Q25

Answer :

(b) -54

We have:

$$\begin{aligned} & (-6) \times 9 \\ &= -(6 \times 9) \\ &= -54 \end{aligned}$$

Q26

Answer :

(a) -90

$$(-9) \times 6 + (-9) \times 4$$

Using distributive law:

$$(-9) \times (6 + 4)$$

$$= (-9) \times (10)$$

$$= -90$$

Q27

Answer :

(b) -4

$$36 \div (-9)$$

$$36 \div 9 = 369 \times (-1) = 1(-1) \times 369 = -1 \times 4 = -4$$

***** END *****