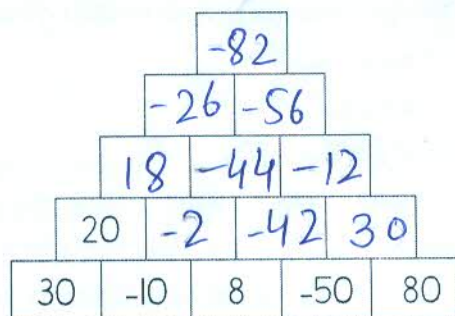
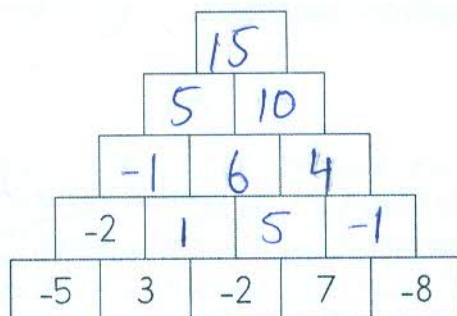


Subtraction of Integers

Q1. Complete the pyramid by subtracting together the two blocks below it.



Q2. An aeroplane takes off and then climbs 2000 feet. After 20 minutes, the airplane descends 150 feet. What is the airplane current height?

$$(2000 - 150) \text{ feet}$$

$$1850 \text{ feet}$$

So the current height of airplane is 1850.

Notebook Task:

Q3. Subtract by using number line.

i. $+4$ from $+7$.

v. -15 from -9 .

ii. (-3) from (-7) .

vi. 13 from -5 .

iii. -10 from -2 .

vii. $+5$ from 12 .

iv. $(1) -$ from (-10) .

Q4. Simplify the following

i. $(-10) + 5$

iv. $(+9) - (+4)$

ii. $(+16) - (-7)$

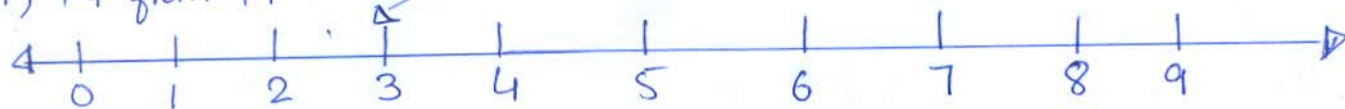
v. $(-40) - (-26)$

iii. $(-3) - 7$

vi. $(+15) - (-3)$

Q.3 Subtract by using number line.

i) $+4$ from $+7$



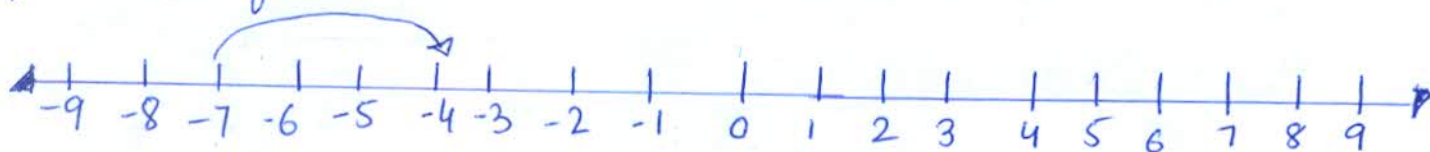
Hence $+4$ from $+7 = +3$

$$(-3) - (-7)$$

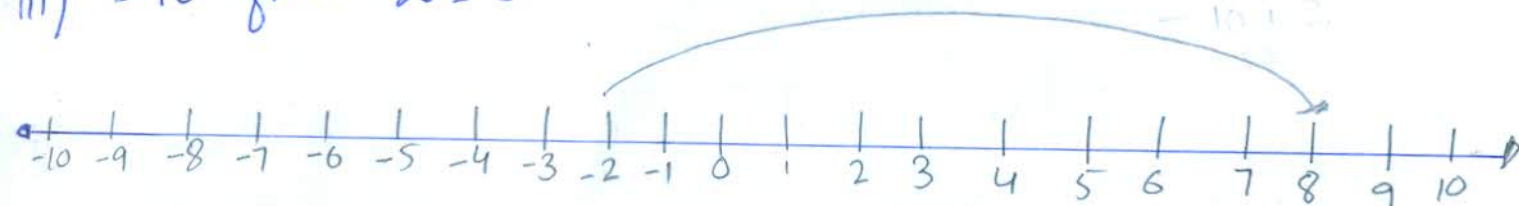
$$-3 + 7$$

$$= 4$$

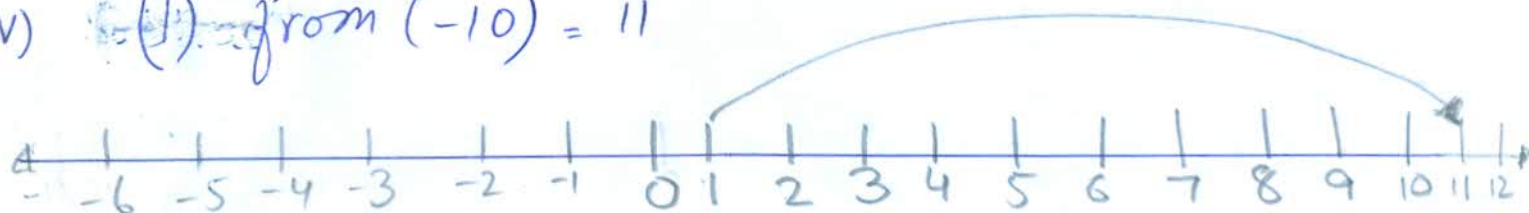
ii) (-3) from $(-7) = -4$



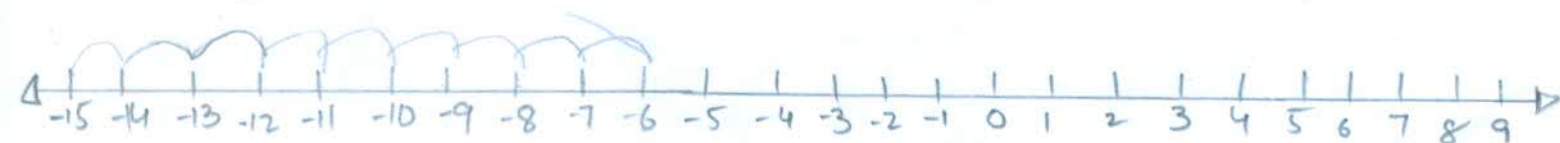
iii) -10 from $-2 = 8$



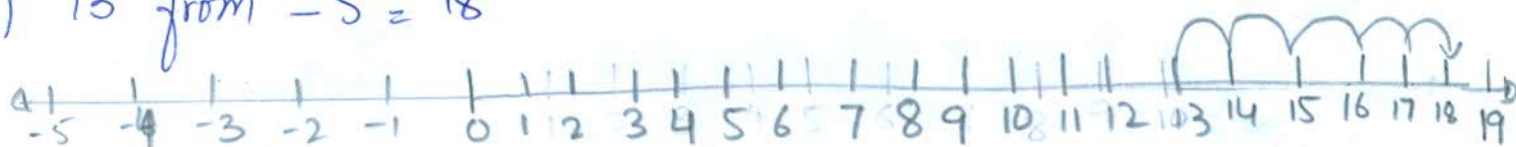
iv) (1) from $(-10) = 11$



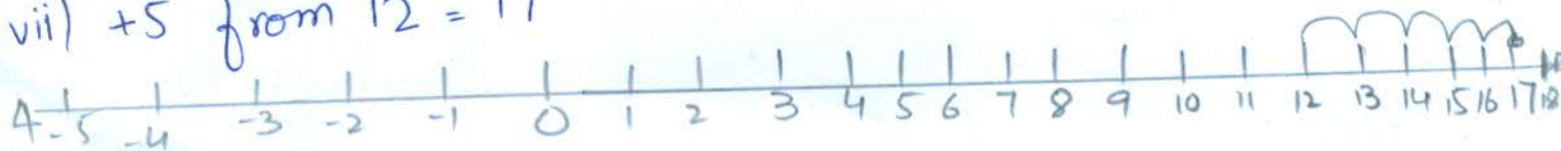
v) -15 from $-9 = -6$



vi) 13 from $-5 = 18$



vii) $+5$ from $12 = 17$



Notebook Task

Q.4 Simplify the following.

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

$$\begin{aligned}\text{ii) } (+16) - (-7) \\ &= +(16+7) \\ &= +23\end{aligned}$$

$$\begin{aligned}\text{iii) } (-3) - 7 \\ &= -(3+7) \\ &= -10\end{aligned}$$

$$\begin{aligned}\text{iv) } (+9) - (+4) \\ &= +(9-4) \\ &= +5\end{aligned}$$

$$\begin{aligned}\text{v) } (-40) - (-26) \\ &= -(+40-26) \\ &= -14\end{aligned}$$

$$\begin{aligned}\text{vi) } (+15) - (-3) \\ &= +(15+3) \\ &= +18\end{aligned}$$