



## Rosary School \ Marj Elhamam

Name : Answer Key

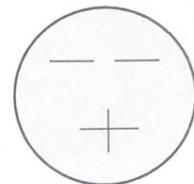
Date : / 11 / 2025

Subject: Remedial worksheet ( Mid Term Exam)

Grade : 6 ( )

- ❖ When signs are the same → add the numbers and keep the same sign.
- ❖ When signs are different → subtract the smaller number from the bigger and keep the sign of the bigger number.

- ❖ When multiplying:  
 $(+) \times (+) = +$   
 $(-) \times (-) = +$   
 $(+) \times (-) = -$   
 $(-) \times (+) = -$



### Q1. Work out.

a.  $-5 + 3 = -2$

d.  $16 + -9 = 7$

b.  $7 - 4 = 3$

e.  $-12 + -7 = -19$

c.  $-8 - -5 = -3$

f.  $-53 + 10 = -43$

### Q2. Work out

a.  $6 \times -23 = -138$

d.  $-19 \times 4 = -76$

b.  $-8 \times -115 = 920$

e.  $15 \times -5 = -75$

c.  $14 \times -6 = -84$

f.  $-17 \times -10 = 170$

Q3. The temperature in Samir's freezer is normally  $-12^{\circ}\text{C}$ .

a. During a power cut, the temperature in Samir's freezer went up by  $15^{\circ}\text{C}$ .

Work out the new temperature.

$$-12 + 15 = 3$$

$$\underline{\quad} \quad 3 \quad ^{\circ}\text{C}$$

b. One hour after the power returned, the temperature was  $-5^{\circ}\text{C}$ .

Work out how many more degrees the temperature of the freezer must go down to reach it's normal temperature.

$$\underline{\quad} \quad 7 \quad ^{\circ}\text{C}$$

Q4. The table shows the midday temperatures, in Celsius of four different cities.

New York	Rome	Moscow	Kenai
-15	8	-18	-30

a. What is the **difference** in temperatures between Rome and Moscow?

$$\underline{8 - 18 = 26}$$

b. What is the **difference** in temperatures between Kenai and Moscow?

$$\underline{-18 - 30 = 12}$$

c. What is the **difference** in temperatures between New York and Kenai?

$$\underline{-15 - 30 = 15}$$

d. If the temperature in Rome falls  $5^{\circ}\text{C}$ , what is the new temperature?

$$\underline{8 - 5 = 3^{\circ}\text{C}}$$

