



Rosary School \ Marj Elhamam

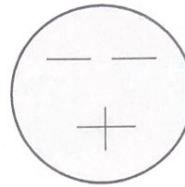
Name : Answer Key

Subject: Remedial worksheet ( Mid Term Exam)

Date : / 11 / 2025

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.  $-5 + 3 = -2$

b.  $7 - 4 = 3$

c.  $-8 - 5 = -13$

d.  $16 + -9 = 7$

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

f.  $-53 + 10 = -43$

Q2. Work out

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

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

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

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

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

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.

$$-12 + 15 = 3$$

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

- 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 its normal temperature.

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

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?

$$8 - (-18) = 26$$

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

$$-18 - (-30) = 12$$

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

$$-15 - (-30) = 15$$

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

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

