



Rosary School – Marj Elhamam

First Semester 2025/2026 Math Mid Term Exam

No. of Pages: (5)	No. of Questions: (10)	Mark: (/ 20)
Name: _____		Date: 25 / 10 / 2025
Grade: 6 ()		Duration: (50 minutes)

Q1: Draw a ring around the correct answer. (/2)

a One of the following numbers is divisible by **2, 5 and 10**:

- i. 149 ii. 194 iii. 720345 iv. 125370

b. One of the following numbers is divisible by **4**:

- i. 408 ii. 143 iii. 2 iv. 153

c. 3681 is divisible by:

- i. 4 ii. 9 iii. 2 iv. 10

d. One of the following numbers is divisible by **3**:

- i. 118 ii. 241 iii. 800 iv. 153

Q2: List all **prime numbers** between 10 and 20. (/2)

Q3: Find

(/ 3)

- a. The **lowest common multiple** of 9 and 12.

LCM = _____

- b. The **highest common factor** of 14 and 28.

HCF = _____

- c. The prime factors of **35**.

Prime factors: _____

Q4: Write down an estimate for $\sqrt{38}$:

(/ 1)

(/ 3)

Q5: Work out

a. $-8 + -10 =$ _____

c. $15 - 22 =$ _____

e. $-11 - +4 =$ _____

b. $-9 - 32 =$ _____

d. $-9 \times 13 =$ _____

f. $-17 + +6 =$ _____

(/ 2)

Q6: The table shows the midday temperatures, in Celsius of four different cities.

New York	Rome	Moscow	Kenai
-10	5	-12	-31

a. Which city is the **warmest**? _____

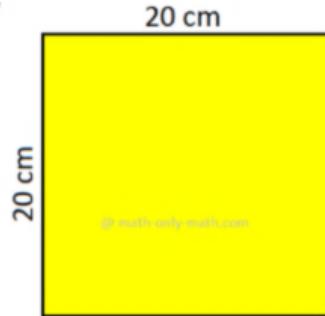
b. What is the **difference** in temperatures between Kenai and Moscow?

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

d. If the temperature in Rome falls 8°C , what is the new temperature?

Q7: Work out the area of this square.

(/ 1)



$$\text{Area} = \underline{\hspace{2cm}} \text{cm}^2$$

Q8: Work out.

(/ 3)

a. $14^2 = \underline{\hspace{2cm}}$

b. $60^2 = \underline{\hspace{2cm}}$

c. $0.7^2 = \underline{\hspace{2cm}}$

d. $\sqrt{25} \times \sqrt{144} = \underline{\hspace{2cm}}$

e. $400^2 = \underline{\hspace{2cm}}$

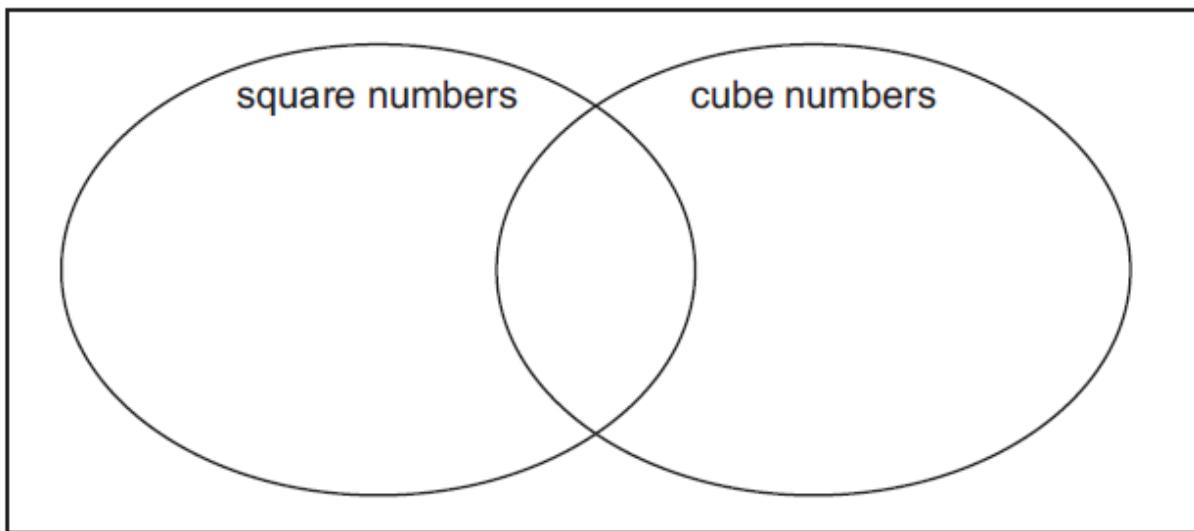
f. $\sqrt{256} = \underline{\hspace{2cm}}$

Q9: Here are some numbers.

(/ 2)

12 1 5 4 6 3 10 2 20

- a. Write **each of** these numbers in the correct place on the Venn diagram.



- b. Write the HCF of 12 and 20 . _____

Q10: Children are standing in lines.

(/ 1)

They can be arranged in groups of **4** or groups of **6** with no child left out.

What is the smallest number of children?



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