



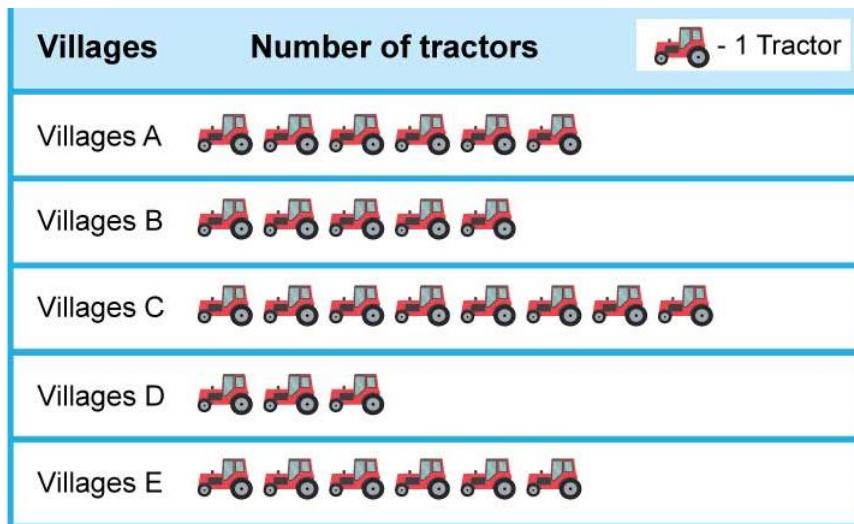
MATHEMATICS ASSIGNMENT

CH- 12 DATA HANDLING

NAME:_____ **CLASS:**_____ **SEC:**_____ **DATE:**_____

Q1) The below pictograph shows how many tractors are there in 5 different villages. Answer the questions that follow.

- a) How many tractors are there in Village D?
- b) In which village there are maximum tractors?
- c) How many total tractors are there in all?
- d) How many more tractors are there in Village C than in Village D?



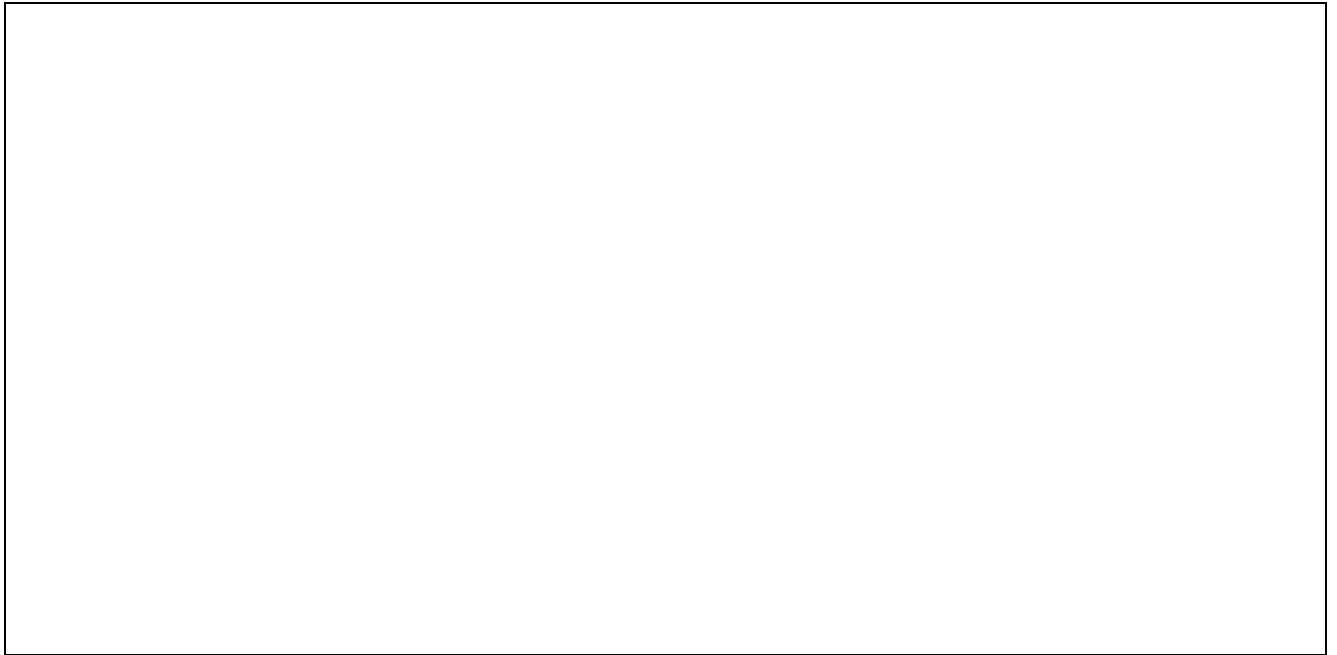
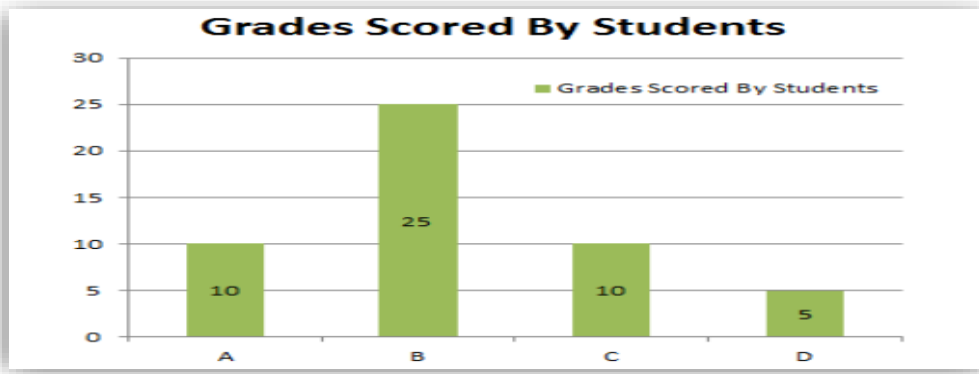
Q2) Tanya found a basket of fruits in her home . She counted the fruits of each kind .
Make a pictograph to show the information in the table below.

FRUIT	NUMBER OF FRUITS
APPLE	12
MANGO	6
PINEAPPLE	8
STRAWBERRY	14
WATERMELON	4



Q3) The bar graph given below depicts information about grades scored by class 4 students. Answer the following questions.

- a) How many students scored Grade B?
- b) Which Grade was least scored?
- c) How many student scored Grade A?
- d) How many students are there in grade 4?




ASSERTION AND REASONING

DIRECTION : In the following questions, a statement of **Assertion (A)** is followed by a statement of **Reason (R)** . Choose the correct option.

- Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- Assertion is true but Reason is false.
- Assertion is false but Reason is true.

Q4) Assertion (A):  Represents = 50 cm rainfall.

Reason(R): According to pictograph, pictorial representation of [data](#) using images, icons, or symbols.

 = 25 cm rainfall.

CH – 3 MULTIPLICATION

NAME: _____ **CLASS:** _____ **SEC:** _____ **DATE:** _____

Q1. Tick (✓) the correct answer.

1. $40 \times (200 \times 50) = (40 \times 200) \times$ _____
a) 50 b) 500 c) 200 d) 100

2. Which of the following depicts the multiplicative property of zero.
a) $12 \times 1 = 12$ b) $12 \times 0 = 0$ c) $(12 \times 1) \times 2 = 24$
d) $12 (1 + 0) = 12$

3. If 1 hour has 3600 seconds , then 10 hours = _____seconds .
a) 10,000 b) 36,000 c) 360000 d) 6000

4. The product of smallest 3- digit number and smallest 2-digit number is _____.
a) 10000 b) 99000 c) 99900 d) 9990

5. $88 \times 7000 =$ _____
a) 615000 b) 616000 c) 618000 d) 612000

Q2. Fill in the blanks and mention the name of property used.

1. $42 \times (83 \times 68) = 42 \times (68 \times \underline{\quad})$; Property = _____
2. $9674 \times \underline{\quad} = 0$; Property = _____
3. $367 \times \underline{\quad} = 0$; Property = _____

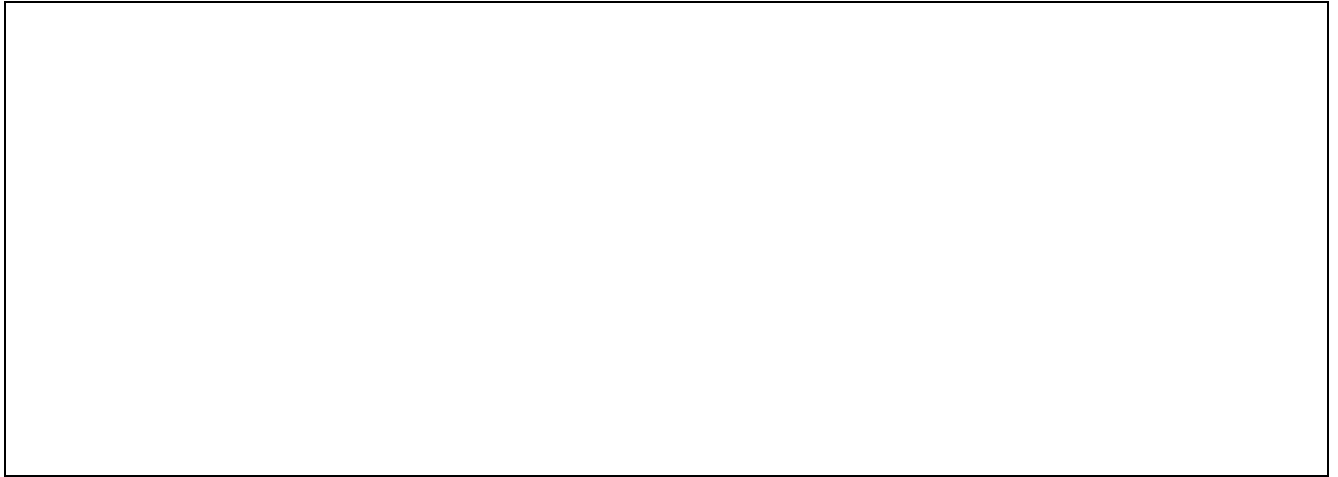
Q3. Find the product using box multiplication.

a) 1232×8

b) 93×300

--	--

Q4. 3 scoops of ice cream fill one cone. How many scoops of ice cream are required to fill 3648 cones?

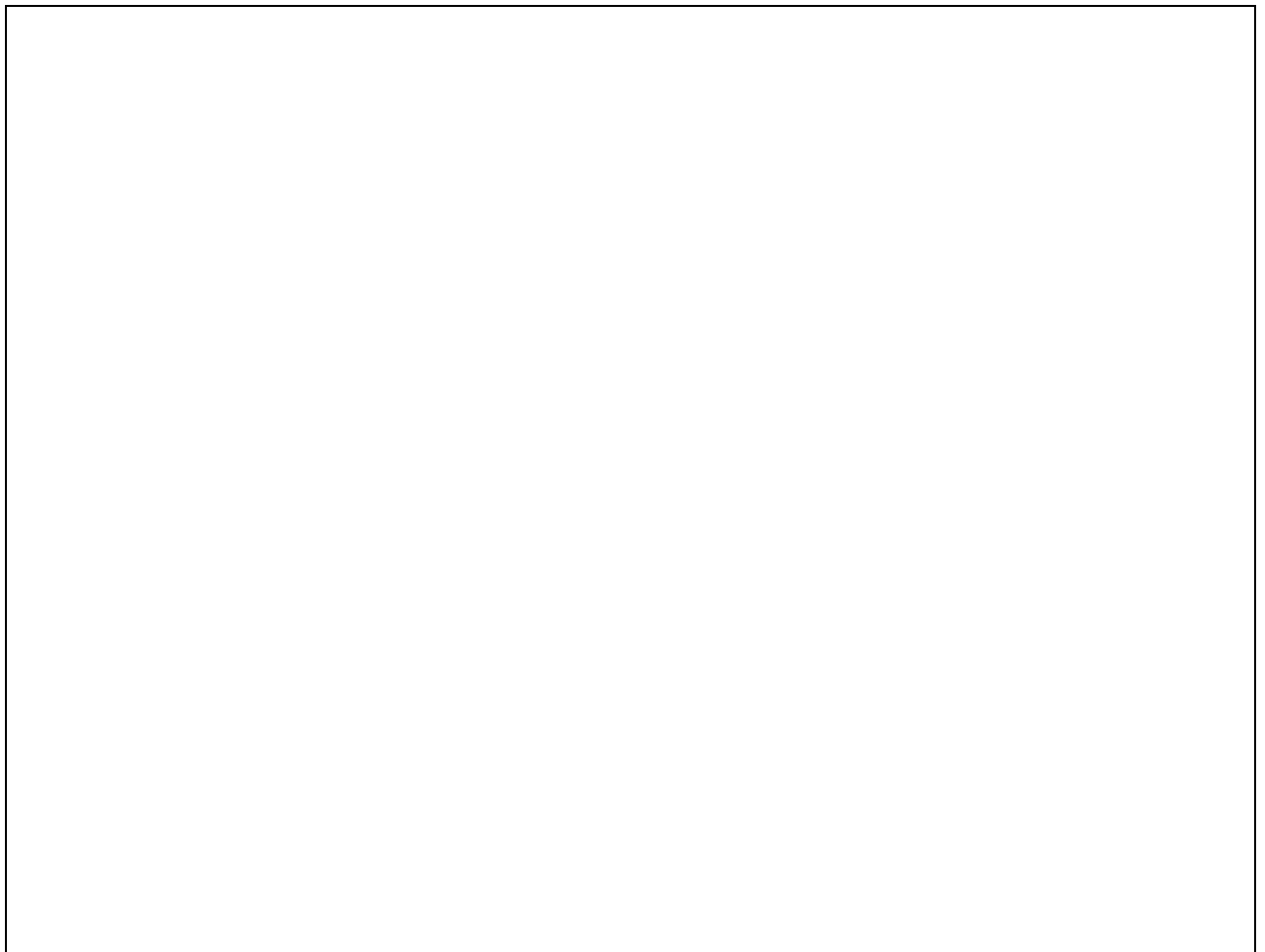


Q5. Solve the following using the most suitable arrangement.

a) $120 \times 2 \times 5$

b) $63 \times 25 \times 4$

c) $10 \times 456 \times 10$



Q6. Which of the following depicts the multiplicative property of zero.

a) $12 \times 1 = 12$

b) $12 \times 0 = 0$

c) $(12 \times 1) \times 2 = 24$

d) $12 (1 + 0) = 12$

Q7. Estimate the following products by rounding off to nearest tens and hundreds.

a) 637×953

b) 1020×456

ESTIMATE TO THE NEAREST TENS

a)

b)

ESTIMATE TO THE NEAREST HUNDREDS

a)

b)

ASSERTION AND REASONING

DIRECTION: In the following questions, a statement of **Assertion (A)** is followed by a statement of **Reason (R)** . Choose the correct option.

- a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- c) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.

Q8. Assertion (A): $258 \times 0 = 0$

Reason(R): According to multiplicative property of 0, when any number multiplied by zero the product is always zero.

Q9. Assertion (A): $240 = 300$

Reason(R): A number is rounded up to the next hundred if the last two digits are equal or more than 50. In other cases, it rounded down to the same hundred.

CASE STUDY BASED QUESTION-

Q10. The table below shows the grocery required by Kapoor family in 1 week.

Name of the item	Quantity
Rice	7 kg
Wheat	10 kg
Flour	12 kg
Pulses	9 kg

1. If price of 1 kg flour is ₹ 17. How much does the family spend on flour in 1 week?
2. How much pulses are required by the family for 15 weeks?
3. What will be the total amount pay by Kapoor family in 1 week if the cost of wheat is ₹ 24 and cost of rice is ₹ 16.