CREST

Olympiads

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CREST Mathematics Olympiad (CMO)
Worksheet *for*

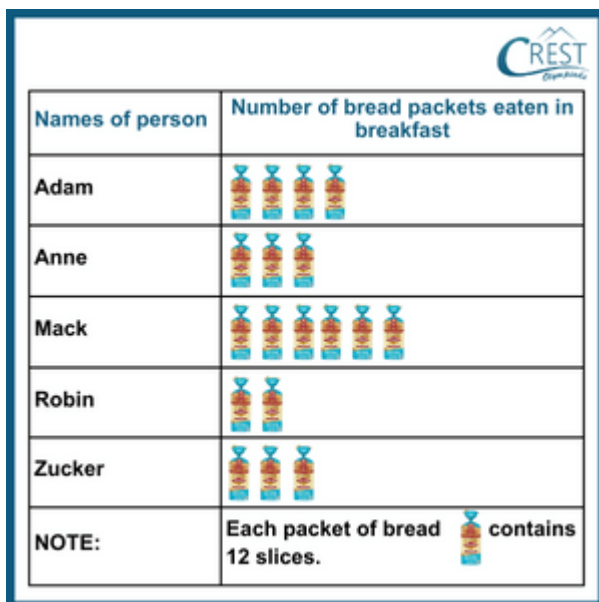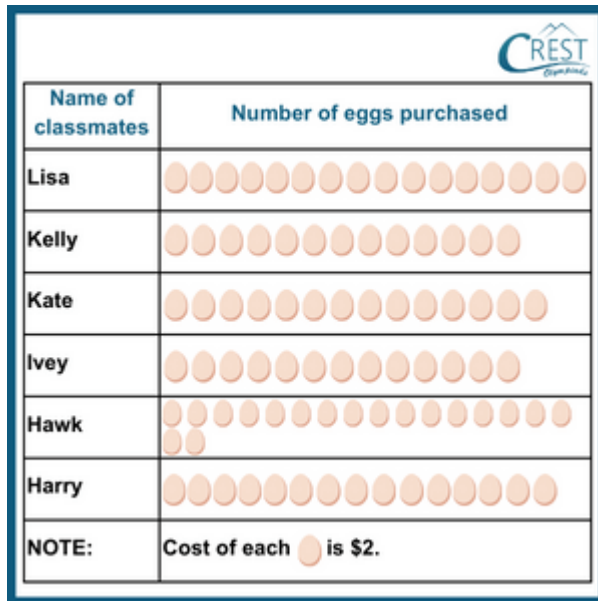## Class 2

Worksheet on Pictographs

Directions (1-3): The pictograph shows below the data based on the names of people who prefer to eat different numbers of bread in the packets for breakfast. Observe the pictograph carefully and answer the following questions.

1. **How many slices of bread are eaten in the breakfast by Anne?**

   a. 30
   b. 36
   c. 40
   d. 46

2. **What is the difference in the number of slices of bread eaten by Zucker and Robin?**

   a. 6
   b. 12
   c. 24
   d. 36

3. **Which person does eat the most slices and how much?**

   a. Mack, 6
   b. Mack, 60
   c. Anne, 60
   d. Mack, 72

Directions (4-5): The below pictograph shows the information on the names of classmates who purchased different numbers of eggs. Answer the following questions based on this pictograph.

Name of classmates	Number of eggs purchased
Lisa	OOOOOOOOOOOOOOO
Kelly	OOOOOOOOOOOO
Kate	OOOOOOOOOOOOO
Ivey	OOOOOOOOOOOO
Hawk	OOOOOOOOOOOOOOO OO
Harry	OOOOOOOOOOOOOO
NOTE:	Cost of each ⬭ is $2.

4. What is the cost of eggs purchased by Hawk?

   a. $1
   b. $38
   c. $57
   d. $60

5. What is the amount paid by Lisa and Kate?

   a. $30
   b. $45
   c. $60
   d. $75

Answer Key

1. b - 36

   Explanation: Each bread contains 12 slices.
   Number of bread eaten by Anne = 3
   Number of slices of bread eaten by Anne = 12 x 3
   = 36

2. b - 12

   Explanation: Each bread contains 12 slices.
   Number of bread eaten by Zucker = 3
   Number of slices of bread eaten by Zucker = 12 x 3 = 36
   Number of bread eaten by Robin = 2
   Number of slices of bread eaten by Robin = 12 x 2 = 24
   Difference in the number of slices = 36 − 24
   = 12

3. d - Mack, 72

   Explanation: Mack eats the maximum number of bread.
   Each bread contains 12 slices.
   Number of bread eaten by Mack = 6
   Number of slices of bread eaten by Mack = 12 x 6
   = 72.

4. b - $38

   Explanation: The number of eggs purchased by Hawk = 19
   Cost of 1 egg = $2
   Total cost of eggs purchased by Hawk = 19 x 2
   = $38

5. c - $60

   Explanation: Total number of eggs purchased by Lisa and Kate = 16 + 14 = 30
   Total amount paid by Lisa and Kate = 30 x 2
   = $60

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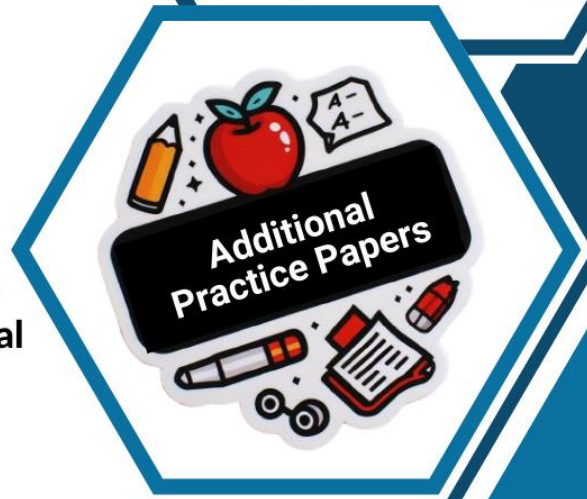2. Go to Dashboard -> Additional Practice -> Buy

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