



CREST Mathematics Olympiad (CMO) Worksheet *for* Class 2



Topic
Length

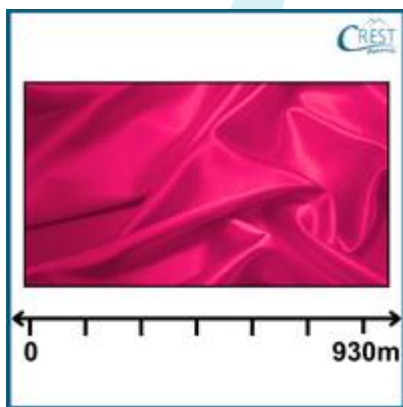
Worksheet on Length

1. What is the height of the baby doll given below?



- a. 500 centimetres
- b. 550 centimetres
- c. 600 centimetres
- d. 650 centimetres

2. Peter buys a cloth that is 930 metres long. He wishes to divide the cloth equally among all six of his children. Find the length of cloth distributed to each child.



- a. 145 metres
- b. 150 metres
- c. 155 metres
- d. 160 metres

3. There are eight members in a family. The family consists of a grandfather, a grandmother, a father, a mother, two daughters and two sons. The height of the youngest member is half that of his mother. If the height of the youngest member is 4 feet, find the height of his mother.



- a. 2 feet
b. 4 feet
c. 8 feet
d. 10 feet
4. If the heights of two boys are equivalent to the few cups given below, what is the difference in their heights?



- a. 1
b. 2
c. 3
d. 4

5. The height of Tower B is three times the height of Tower A. If the height of Tower A is 2 km, what is the height of Tower B in metres?



- a. 1000 m
- b. 2000 m
- c. 4000 m
- d. 6000 m

Answer Key

1. d - 650 centimetres

Explanation: The height of the baby doll is between 600 and 700 cm i.e., 650 centimetres as seen on the ruler.

2. c - 155 metres

Explanation: Total length of cloth = 930 metres
Number of children = 6
Length of cloth distributed to each child = $930 \div 6 = 155$ metres

3. c - 8 feet

Explanation: Height of the youngest member = 4 feet
From the question, the height of the youngest member is half that of his mother.
Hence, the height of the mother is double that of the height of the youngest member.
Therefore, the height of the mother = $2 \times 4 = 8$ feet

4. a - 1

Explanation: The height of a young boy = 4 cups
The height of the elder boy = 5 cups
The difference between their heights = $5 - 4 = 1$ cup

5. d - 6000 m

Explanation: Height of Tower A = 2 km

From the question, the height of Tower B is three times the height of Tower A.

Height of Tower B = 3 x height of Tower A = $3 \times 2 = 6$ km

Height of Tower B in metres = $6 \times 1000 = 6000$ m

More Questions Coming Soon – Keep Learning!



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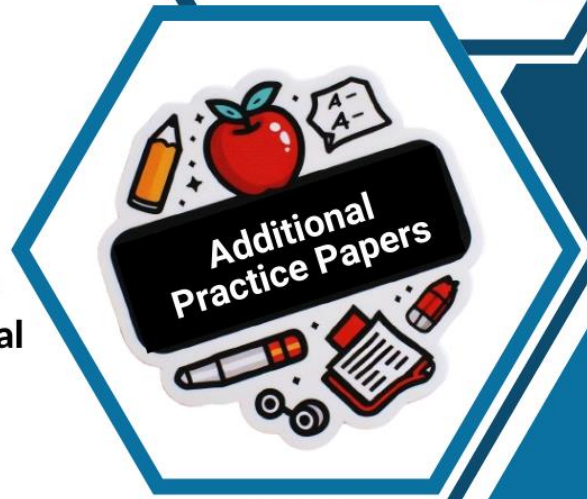
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