

Jender Heart High School, Chandigarh
 Class - II (Maths)
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Mental Maths

- Capacity of water in a bucket is measured in (L/mL) L
- To measure the capacity of an ink bottle, we use (L/mL) mL
- Is your water bottle more than 1 L or less than 1 litre? less than 1L
- Capacity is a measure of how much a container can hold.
- 7 L = 7000 mL
- 2 L = 2000 mL
- 8000 mL = 8 L
- 6000 mL = 6 L
- 1 L = 500 mL + 500 mL
- 1 L = 1000 mL

Subtract

- | | | |
|----|---|-----|
| 1. | L | mL |
| | 8 | 500 |
| - | 2 | 300 |
| | 6 | 200 |
- | | | |
|----|----|------------------------|
| 2. | L | mL |
| | 10 | ^{4 14}
540 |
| - | 7 | 380 |
| | 3 | 160 |
- | | | |
|----|----|-----|
| 3. | L | mL |
| | 99 | 780 |
| - | 62 | 420 |
| | 37 | 360 |
- | | | |
|----|-----|------------------------|
| 4. | L | mL |
| | 374 | ^{2 10}
480 |
| - | 254 | 108 |
| | 120 | 322 |
- | | | |
|----|------------------------|------------------------|
| 5. | L | mL |
| | ^{5 10}
580 | ^{7 14}
842 |
| - | 218 | 760 |
| | 342 | 082 |
- | | | |
|----|------------------------|------------------------|
| 6. | L | mL |
| | ^{3 11}
418 | ^{6 18}
678 |
| - | 320 | 539 |
| | 098 | 139 |
- | | | |
|----|------------------------|------------------------|
| 7. | L | mL |
| | ^{4 15}
655 | ^{2 14}
342 |
| - | 528 | 260 |
| | 127 | 082 |
- | | | |
|----|-----|------------------------|
| 8. | L | mL |
| | 888 | ^{3 14}
443 |
| - | 712 | 380 |
| | 176 | 063 |

8 Story Sums

1. A water tank contains 750 l of water. 456 l of water is used. How much water is left in the water tank?

$$\begin{aligned}\text{Quantity of water tank} &= 750 \text{ l} \\ \text{Quantity of water used} &= 456 \text{ l} \\ \text{Quantity of water left} &= 750 \text{ l} - 456 \text{ l}\end{aligned}$$

$$\begin{array}{r} \text{l} \\ 6 \text{ } 750 \\ - 456 \\ \hline 294 \end{array} \quad \text{Ans } 294 \text{ l}$$

2. Ravi made 58 l 688 ml of orange juice. He sold 27 l 215 ml of it. How much orange juice was he left with?
3. Irfan drank 100 ml of orange juice in the morning and 250 ml of orange juice in the evening. How much orange juice did he drink in all.

SHAPES

Lines → When we move the point of pencil across paper, we get a line. The line can be straight or curved.

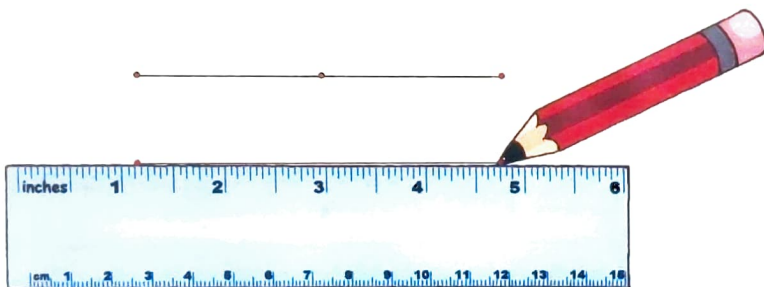


Straight lines



Curved lines

Drawing a straight line



We use a ruler to draw straight lines. Let us draw a straight line between the two red dots.

Place your ruler touching the dots. Put your pencil on a dot. Run the pencil along the ruler. Stop when you reach the other dot. We will get the straight line between the two dots.

Different kinds of straight lines.



Horizontal line

(sleeping line)



Vertical line

(standing line)



Slanting line

(sloping lines)

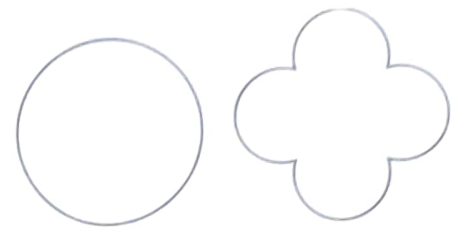


Slanting line

Types of Curved lines



Open curved lines
 (Curved lines with open ends)



Closed curved lines
 (Curved lines with closed ends)

Q) Write the types of lines of the following figure.

(a)



(b)



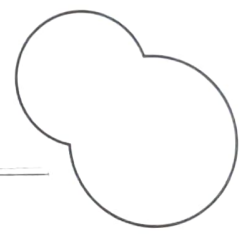
(c)



(d)

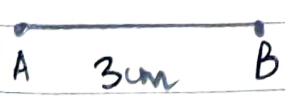


(e)



Q) Draw a straight line (with the help of a ruler) of length

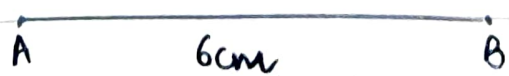
a) 3cm



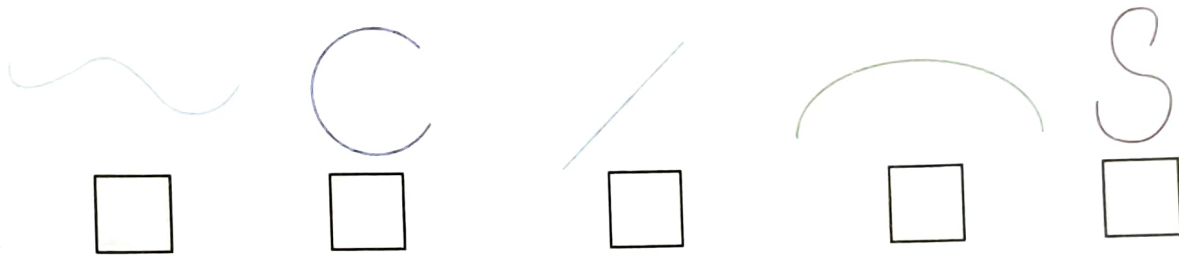
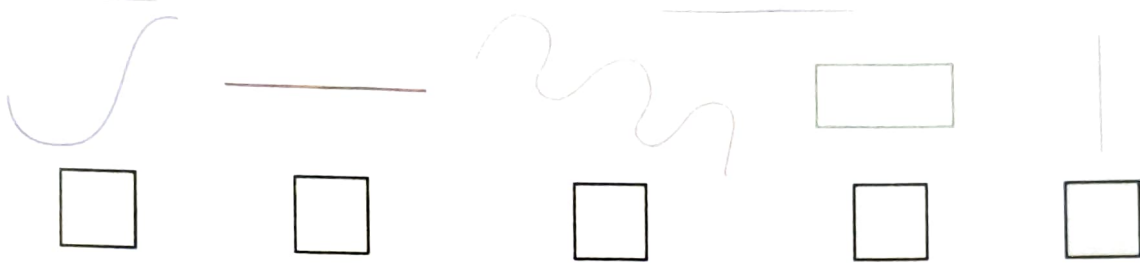
b) 4cm



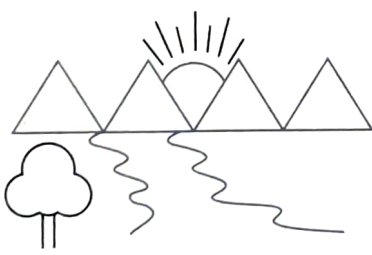
c) 6cm



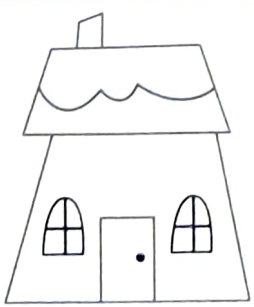
Q) Write C for curved lines and S for straight lines.



Q) Count the number of horizontal, vertical, slanting and curved lines in the box.



Horizontal lines Vertical lines
Slanting lines Curved lines



Horizontal lines Vertical lines
Slanting lines Curved lines