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**◆ Q1. Measuring in Tenths – How long is the pencil?**

→ You are given a pencil measuring **3 cm and 6 mm**

✓ **Answer:**

- 1 cm = 10 mm, so:
- 6 mm = 0.6 cm
- Total length = 3 cm + 0.6 cm = **3.6 cm**

✂ 3.6 cm = **three and six-tenths of a cm**

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**◆ Q2. What is 0.1 cm?**

✓ **Answer:**

- One-tenth of a cm = **0.1 cm**
- It is also = **1 mm**

✂ 1 cm is divided into **10 equal parts**, so each part = **1 mm = 0.1 cm**

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**◆ Q3. Conversion Practice**

**(a) What is 0.9 cm in mm?**

✓ 0.9 cm = 9 mm

**(b) Convert 30.5 cm into cm and mm:**

✓ 30.5 cm = **30 cm and 5 mm**

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**◆ Q4. Comparing Frog Sizes**

- **Gold Frog** = 0.9 cm
- **Bull Frog** = 30.5 cm

**(a) How many gold frogs fit in 1 meter (100 cm)?**

✓  $100 \div 0.9 \approx 111$  frogs

**(b) How many bull frogs fit in 1 meter?**

✓  $100 \div 30.5 \approx 3$  frogs

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**◆ Q5. Nail Length Conversion**

Nail length = 2 cm and 5 mm

✓ Total = 2.5 cm

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**◆ Q6. Practice: Pencil Measurement**

If a pencil is 78 mm long:

✓ Convert to cm:

$78 \text{ mm} \div 10 = 7.8 \text{ cm}$

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**◆ Q7. Sports Day – Long Jump Results**

**Student Distance (in m)**

Teena    3.50 m

Meena   4.05 m

**Student Distance (in m)**

Rehana 4.50 m

Anu 3.05 m

Amina 3.35 m

**✔ Who jumped the longest?**Rehana – **4.50 m****✔ Who jumped the shortest?**Anu – **3.05 m****✔ How far did Anu jump in cm?**

3.05 m = 305 cm

**◆ Q8. Colourful Design – Fractions to Decimals**

A square is divided into 100 small boxes.

- Blue covers 10 boxes  $\rightarrow 10/100 = \mathbf{0.10 = 0.1}$
- Red covers 15 boxes  $\rightarrow 15/100 = \mathbf{0.15}$
- Black covers 3 boxes  $\rightarrow 3/100 = \mathbf{0.03}$
- White boxes = remaining boxes  
 $= 100 - (10+15+3) = \mathbf{72 \text{ boxes} = 0.72}$

**◆ Q9. Paise to Rupees – Match & Convert****Paise      Rupee Form**

10 paise ₹0.10 or ₹0.1

25 paise ₹0.25

50 paise ₹0.50

99 paise ₹0.99

**✔ Examples:**

- 75 paise =  $75/100 = \mathbf{₹0.75}$
- 5 paise =  $5/100 = \mathbf{₹0.05}$

**◆ Q10. Candle Length Comparison**

- Candle 1: 4.2 cm
- Candle 3: 5.8 cm  
**✔ Difference =  $5.8 - 4.2 = \mathbf{1.6 \text{ cm}}$**

**◆ Q11. Guess & Measure – Drawing Task**

Draw these and measure (example values):

Object	Estimated	Actual
Ant (length)	<1 cm	0.8 cm
Pencil	~7 cm	6.9 cm
Glass (height/water)	11 cm / 5 cm	✓
Bangle (perimeter)	~20 cm	✓
Curly hair	~16 cm	✓