

We also call one-tenth of a centimetre as 0.1 centimetre. We read it as 'zero point one centimetre'.

So one **millimetre** is the same as 0.1 cm.

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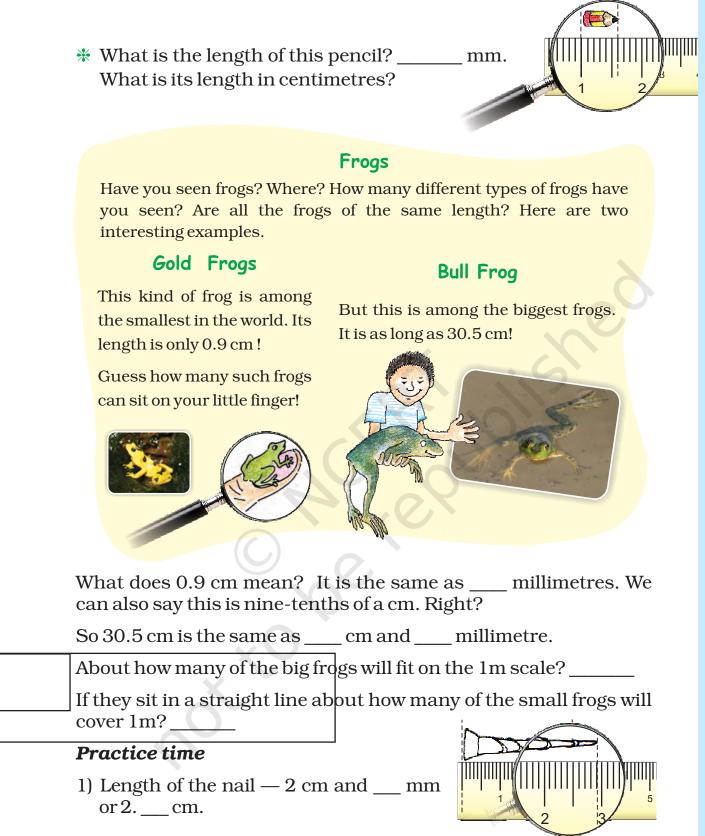
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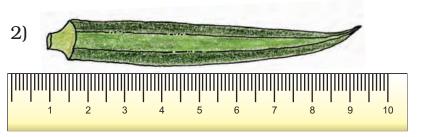






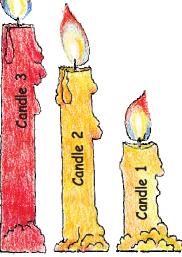
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The length of this lady's finger *(bhindi)* is _____ cm and _____ mm. We can also write it as _____ cm.

3) Using the scale on this page find the difference in length between candle 1 and candle 3.

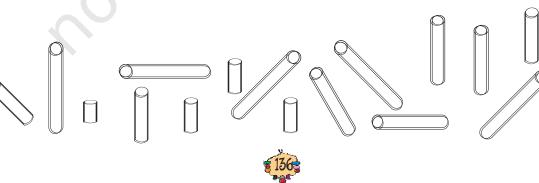


Length of	Length in cm and mm	Length in cm
Candle 1		0
Flame 1		
Candle 2		5
Flame 2		
Candle 3		
Flame 3		

Guess and Colour

First colour the rods as shown, without measuring! Then check.

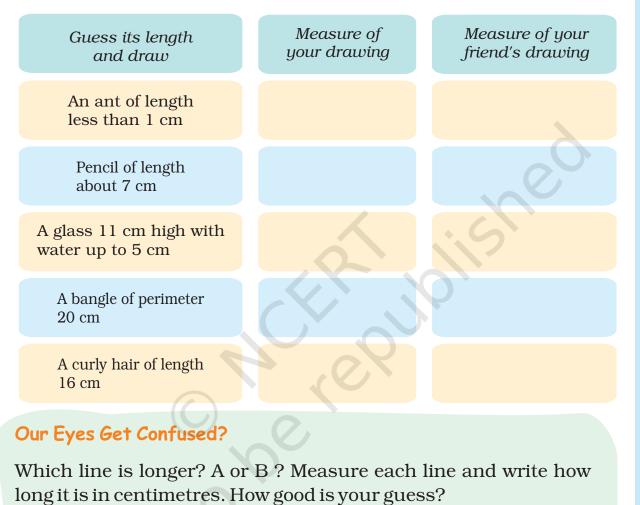
Rods of length less than 1 cm	Red
Rods of length between 1 cm and 2 cm	Blue
Rods of length between 2 cm and 3 cm	Green
Rods of length between 3 cm and 4 cm	Orange



Guess, Draw and Measure

D

Guess the lengths to draw these things. Ask your friend to draw the same. After you make the drawing use a scale to measure the length. Whose drawing showed a better guess?



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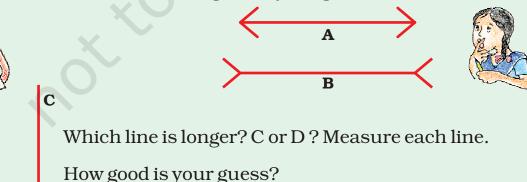
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Guess whose tail is the longest. Now measure the tails. How good is your guess?

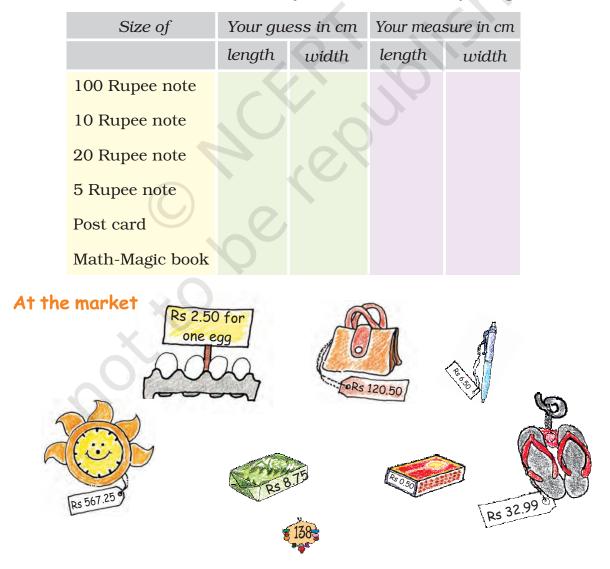


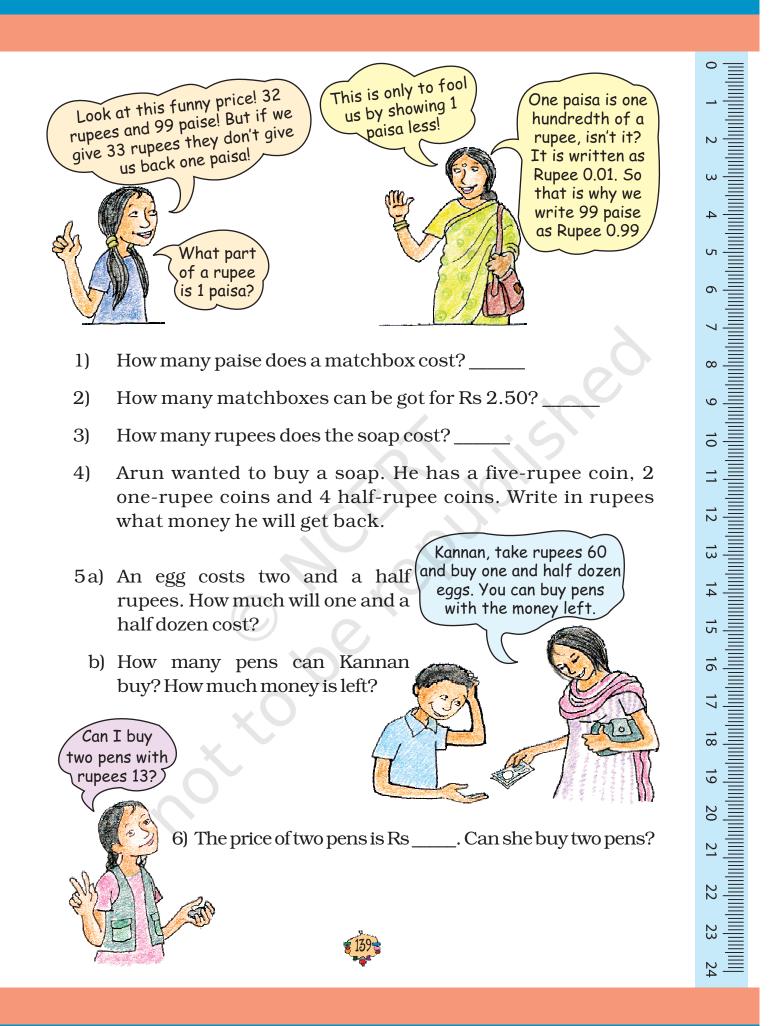
The Longest Rupee Notes?

What is the length of a 100 rupee note? Guess. Now measure it using a scale.



Now guess the length and width of many other things. Measure and find the difference between your measure and your guess.

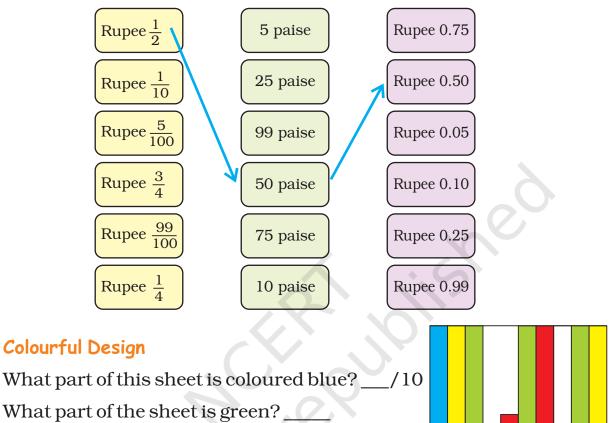




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Practice time — Match these

Match each yellow box with one green and one pink box.



Which colour covers 0.2 of the sheet?

Oh, the blue strip is 0.1

Now look at the second sheet. Each strip is divided into 10 equal boxes. How many boxes are there in all?

of the sheet

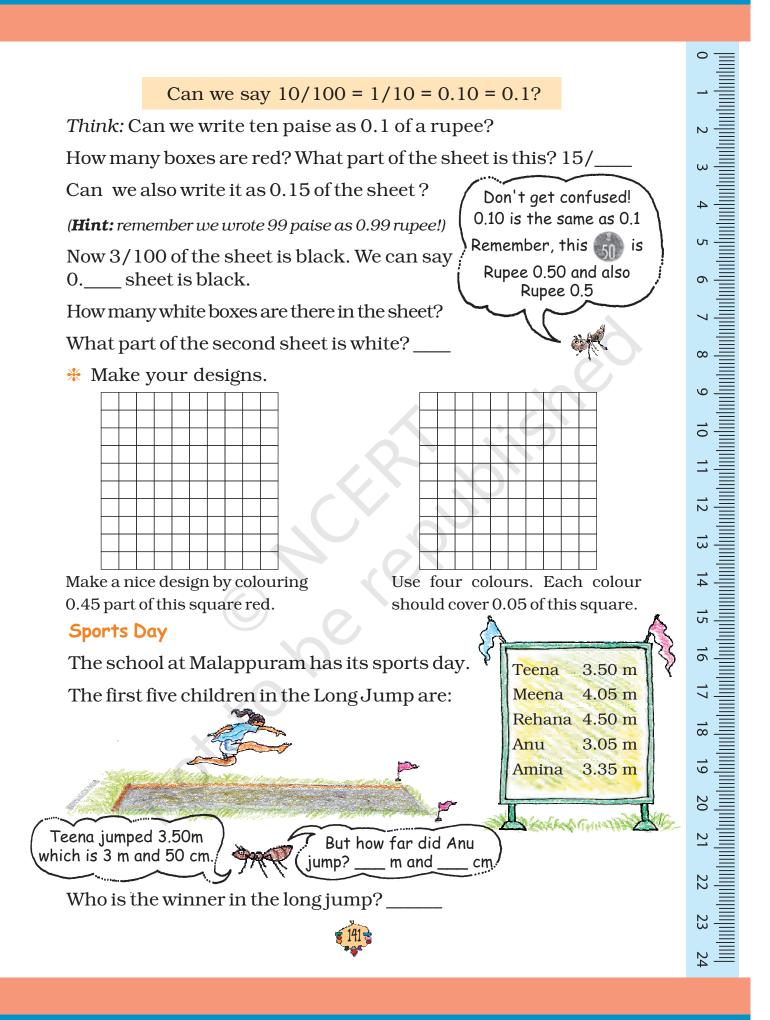
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s each box 1/100 part of the sheet?

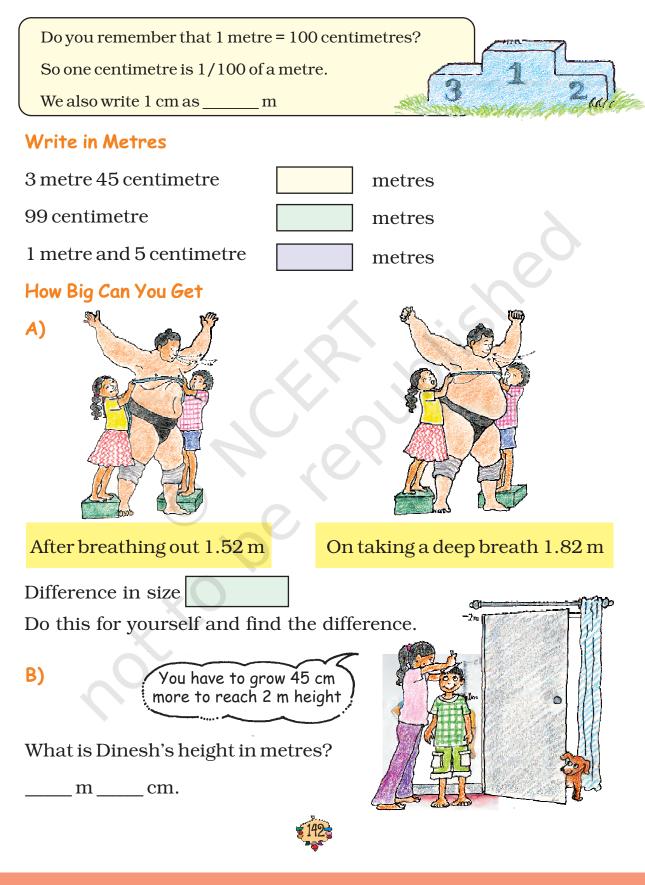
How many blue boxes are there? ____

s blue equal to 10/100 of the sheet? We saw that blue is also equal to 1/10 of the heet. We wrote it as 0.1 of the sheet.





Write the names of the I, II and III winners on this stand.



Practice time

1) Money from different countries

Have you seen any notes or coins used in any other country?

Shivam Bank has a chart to show us how many Indian rupees we can get when we change the money of different countries.

0	0	5	
Country	Money	Changed into Indian Rupees	THE BANK OF KOREA
Korea	Won	0.04	MANNAN
Sri Lanka	Rupee (SL)	0.37	and the second sec
Nepal	Rupee	0.63	THE REAL PROPERTY OF
Hong Kong	Dollar (HK)	5.10	
South Africa	Rand	5.18	
China	Yuan	5.50	10 10 10
U.A.E.	Dirham	10.80	A COLORIDA DA CALIFICIA DA CALIFICA DA CALIFICALICA DA CALIFICA DA CALIFIC
U.S.A.	Dollar	39.70	The Datas
Germany	Euro	58.30	THE LINE AND
England	Pound	77.76	10 THE LINE OF LONG

(This is the rate on 15-2-2008)

A) The money of which country will cost the most in Indian Rupees?

B) Mithun's uncle in America had sent him 10 USA dollars as a gift. Mithun used 350 rupees for a school trip. How much money was left with him?

Children are not expected to carry out long multiplication involving decimals. Instead, encourage them to think in terms of currency. For example, 75 paise × 2 can be thought of as two 50 paisa coins and two 25 paisa coins.



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C) Majeed's father is working in U.A.E. He gets 1000 Dirham as salary. Arun's father who is working in Sri Lanka gets 2000 Sri Lankan Rupees. Who gets more Indian rupees as salary?

D) Leena's aunty brought a present for her from China. It cost 30 Yuan. Find what it costs in Indian rupees.



E) Astha wants some Hong Kong Dollars and Won.

- 1) How many Won can she change for Rs 4? For Rs 400?
- 2) How many Hong Kong Dollars can she change for Rs 508?

2) Kiran went shopping with Rs 200. Look at the bill. The shopkeeper forgot to put the point correctly in the prices. Put the

point in the correct place and find out the total amount of the bill.



Item	Quantity	Price (Rupees)
Soap	1	1250
Green gram	1 kg	5025
Теа	250 gm	2725
Coconut Oil	1 Litre	6000

Total

3) Which city is cool?

I live in Himachal. There the temperature in winter is 2° Celsius. Sometimes water in pipes freezes into ice.

Children can be encouraged to look at temperatures (in degree Celsius or °C) of different cities in the newspaper and on TV. Without using the terms 'maximum' and 'minimum' this exercise will give them an idea that temperatures can be measured at two different times of the day. Only simple subtractions using decimals have been used here. They will also get familiar with the names of different capital cities and can do similar exercises for the capital cities of other countries.



The temperature in each city was noted at 3 pm on 16 January 2008.

- Which place had the 1) highest temperature at 3 pm? Which place is aipur 23.2°C the coolest at that time? 2) How much higher is the ahati temperature in Mumbai 24.8°C 26.6°C Bhopal from that in Srinagar? 25.9°C Mumba 35.1°C Chennai Thiruvananthapuram 29.9°C 33.5°C
- 3) How many degrees will the temperature need to rise for it to reach 40° C in Thiruvananthapuram?
- 4) How much lower is the temperature of Kolkata from that in Chennai?
- 5) The temperature in these cities was also noted at 3 am on the same day. Look at the table and answer the questions.
 - a) Which place had the lowest temperature at 3 am? Imagine yourself to be there and describe how it would feel.

City	Temperature at 3 am
Chennai	21.1
Mumbai	19.0
Th'puram	21.6
Kolkata	13.1
Bhopal	9.8
Srinagar	1.3
Guwahati	12.8
Jaipur	10.2

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b) What is the difference between the temperatures at 3 pm and 3 am in Chennai? In Bhopal?



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