



## Halves and Quarters

Mintu cat and Mottu cat were friends. Once they stole a chapati from Malini's kitchen. I will take it — said Mintu. No, I will take it — said Mottu. While they were quarrelling, there came Tittu Monkey. Hi! What is the problem? why are you quarrelling? — he asked. "We don't know how to divide this chapati between us — the cats said. OK! don't worry. I will divide the chapati equally for both of you — he said. Clever Tittu divided the chapati like this:



These are not equal, the left part is bigger — Mintu and Mottu said. Oh, no problem, I will make it equal — Tittu said. He then cut a part of the left piece and ate it.



Oh! Now the right part is bigger — the cats cried. I am sorry — said Tittu. He cut a part from the bigger piece and ate it. When there was only a small piece remaining, he said — This is my share for the work. Tittu then quickly ate the last piece and climbed the tree.





























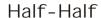








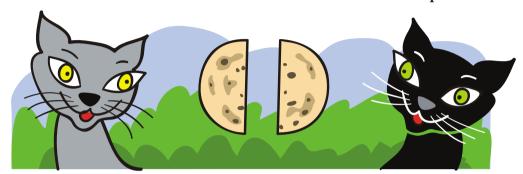




**%** If the cats ask you to divide the chapati equally, how will you divide it?



If you do not cheat like Tittu, the cats will have these parts.



## Half of Half

**%** If two more cats come for food, how will you divide one chapati equally for four cats?



## Half of Many Pieces

Rani got a chocolate. She divided it equally and gave half to her friend Reena.

**%** Circle the portion that Reena got.













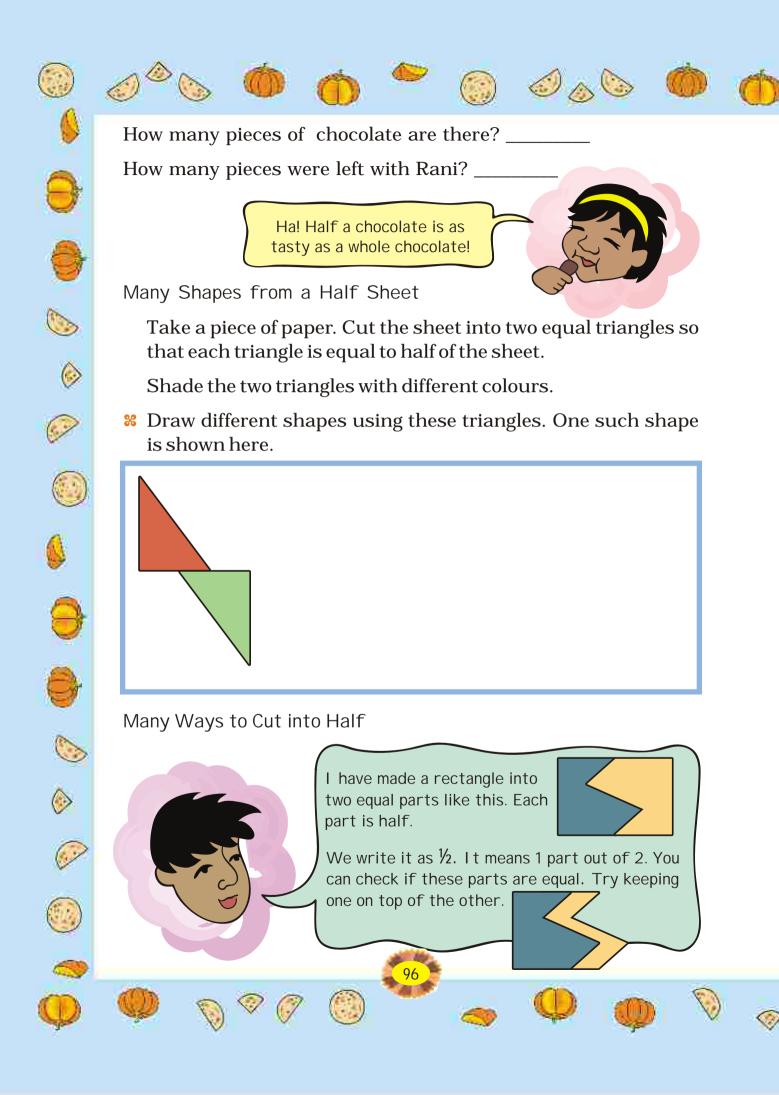


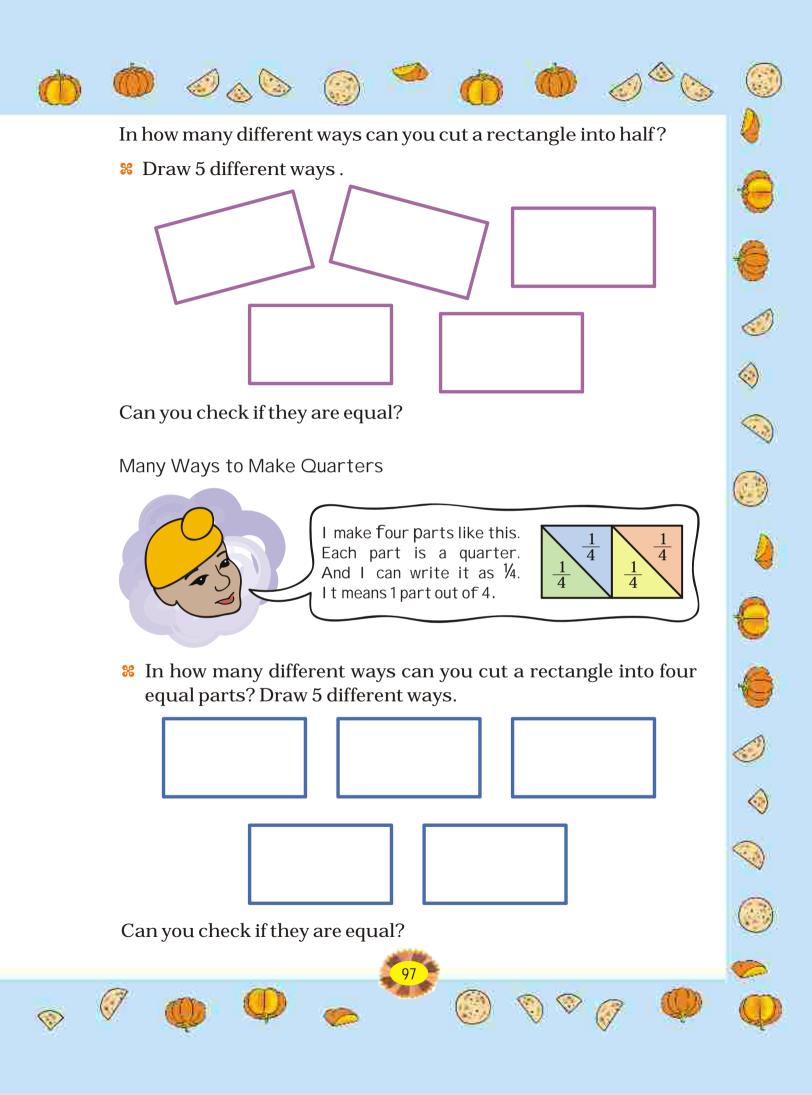


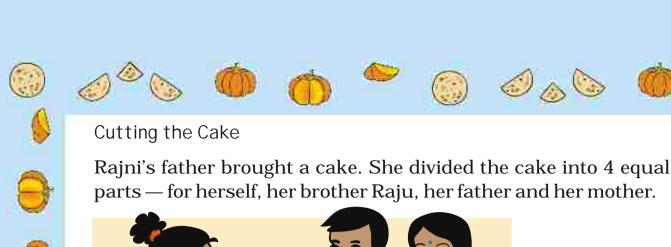














- **%** Colour each share with different colours.
- How much does each get? \_\_\_\_\_



- Mother gave her share of cake to Rajni. Now colour the total part that Rajni will get.
- Solution of 4 parts Rajni will get \_\_\_\_\_ parts, which is equal to half of the cake.

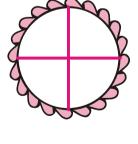
So she can write it as  $\frac{1}{4}$  or  $\frac{1}{2}$ 



Before Rajni's mother gave her share to Rajni, she had only ½ of 'half the cake', which was ¼ of the total cake.

- **%** Colour the share Raju got.
- **%** How much of the cake do Rajni and Raju together get? Colour their total share.

Altogether they get 3 parts out of 4, so we can write it as  $\frac{3}{4}$ 















































## **Greedy Kundu**

Kundu is a greedy man. Whenever he goes to the market, he wants to get more and more but doesn't want to spend much money.

One day he wants to eat pumpkin *halwa* (sweet dish). He tries to buy a big pumpkin with only Rs10. He asks the first pumpkin seller the price of a big pumpkin.

First pumpkin-seller  $-\frac{1}{4}$  of this pumpkin is for Rs 10.

**%** This full pumpkin will cost Rs \_\_\_\_\_

Kundu — Eh! For Rs 10, you should give me ½ of this pumpkin.

First pumpkin-seller — Then you go to the next seller, he can give you ½ of such a big pumpkin for Rs 10. I keep only good quality pumpkins.



Kundu walks to the next seller and looks for a pumpkin of the same size.

Kundu — How much of this pumpkin will I get for Rs10?

Second pumpkin-seller — Half.

**%** This full pumpkin will cost Rs \_\_\_\_\_











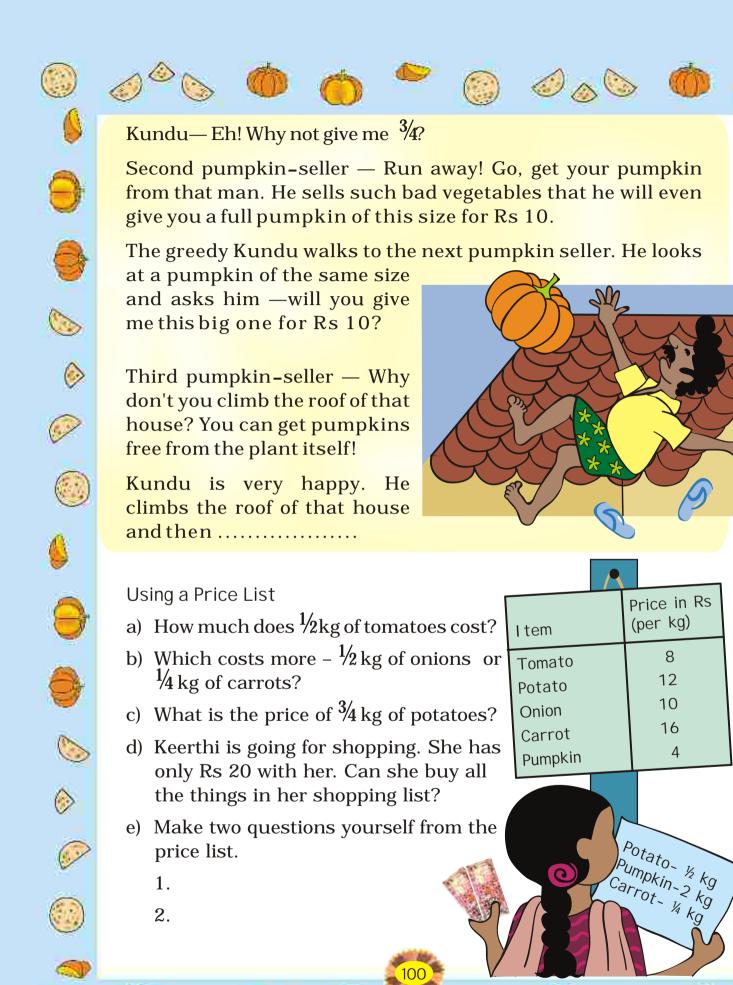












































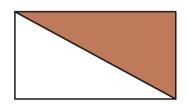


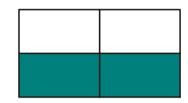






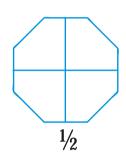
What part of the whole is coloured? Write below each shape. a)

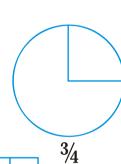


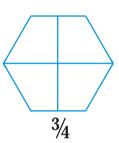


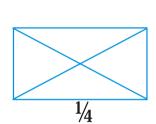


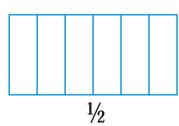
Colour that part of the shape which is written below.

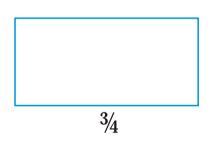








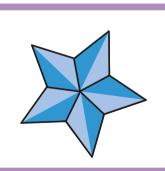




Cut in half c)

Draw a line which divides these shapes into half.























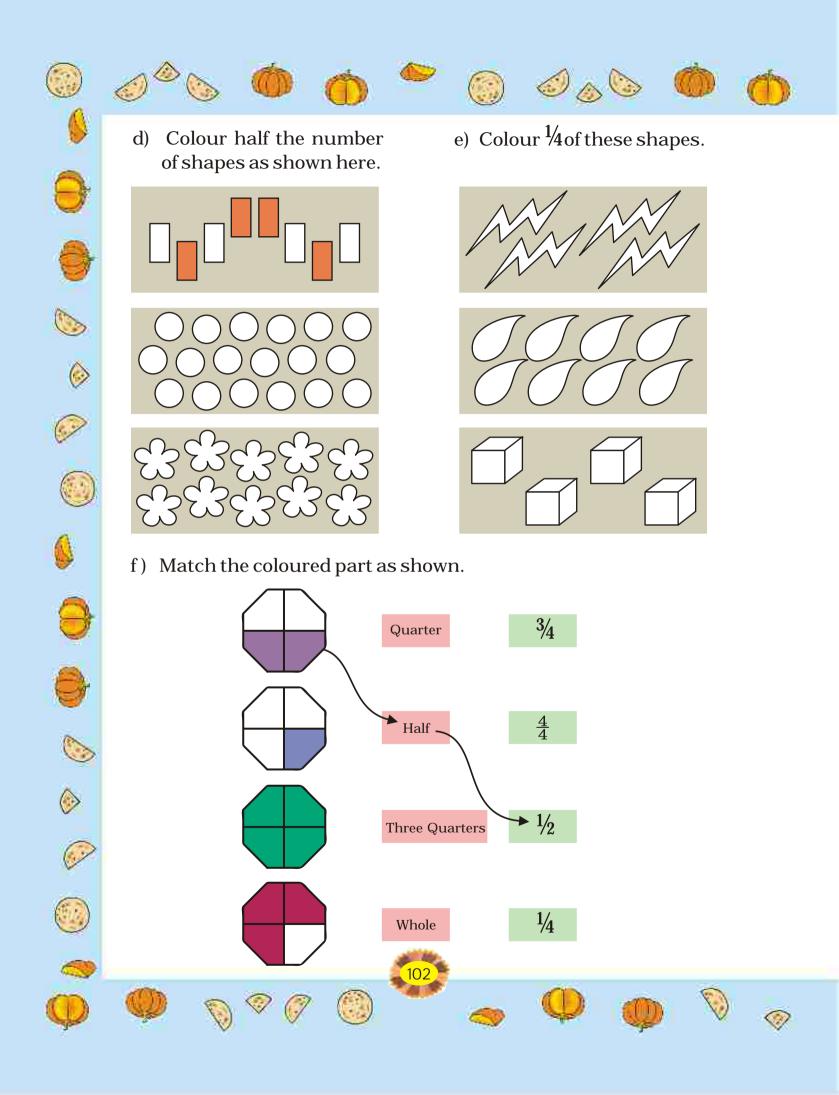


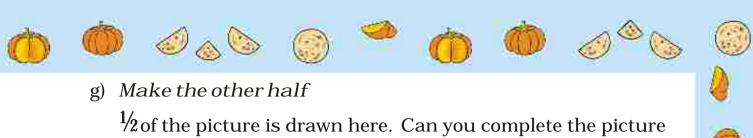




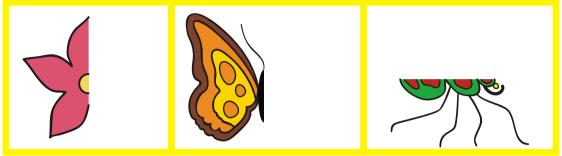




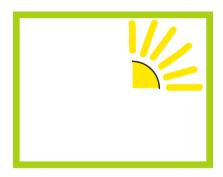








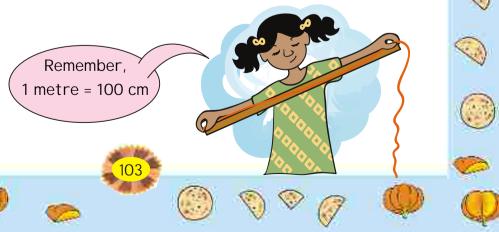
h) This is a quarter of a picture. Can you complete it? How many more quarters will you draw to complete it? \_\_\_\_\_



Half and Quarter of a Metre

Using your metre scale, cut a string of one metre.

- Son this string, mark the length \frac{1}{2}\text{metre, } \frac{1}{4}\text{metre and } \frac{3}{4}\text{metre.}
- 3 Using your string, draw a line of length  $\frac{1}{2}$  metre on the floor. How many centimetres long is the line? \_\_\_\_



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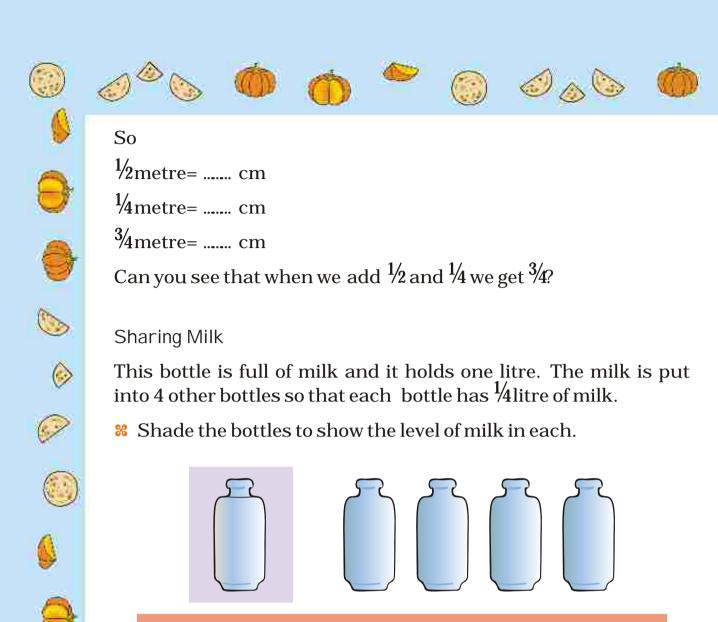
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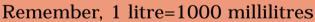












# How many millilitres of milk does each bottle have?

Shan poured 1 litre of milk into two bottles so that the first bottle holds  $\frac{3}{4}$  litre and the other holds  $\frac{1}{4}$  litre.

- **%** Shade the level of milk in each bottle.
- **%** How many millilitres of milk does each bottle hold?



