

At-Home Investigation

Sharing and Half:

Some of the pictures below show half and some don't show half.

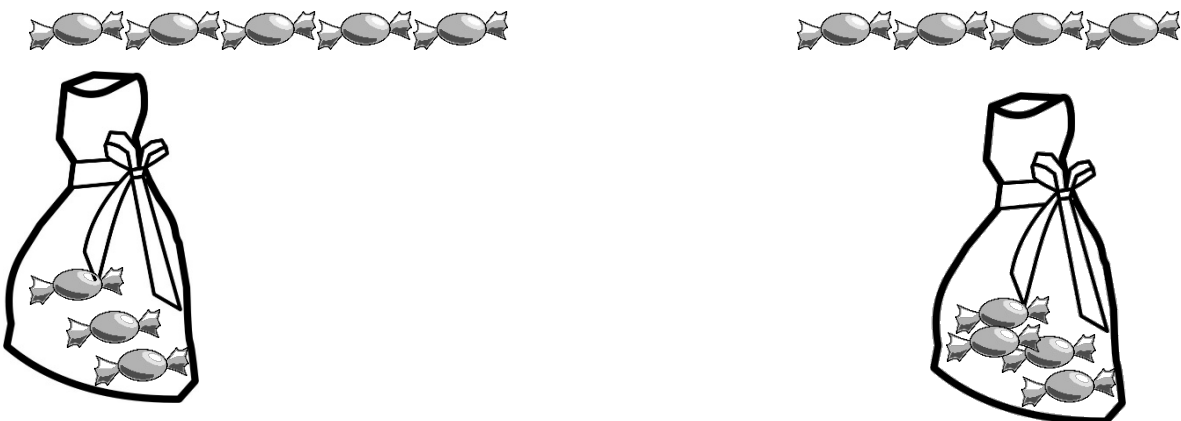
Tick the pictures that show half and **cross** the ones that don't show half.

Half a glass of juice:



Explain your thinking:

Half of the lollies are in the bag:



Explain your thinking:

Make or show half:

Half the string:

Collect some string. Cut it in half. Tape both halves here. How did you make sure it was half?

My string:

Half the window:

Find a window in your home. Take a picture or draw it. Next, use a curtain, blind or towel to cover half the window. Take a picture or draw the window when half of it is covered.

My window:

Making ten card game

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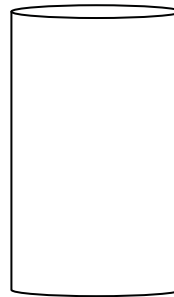
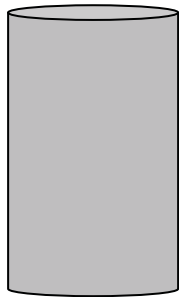
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Problem 8: Simple fractions

Here is a glass of juice.



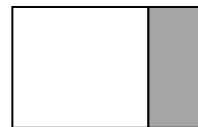
What would it look like if it was half a glass of juice?



This is a half.

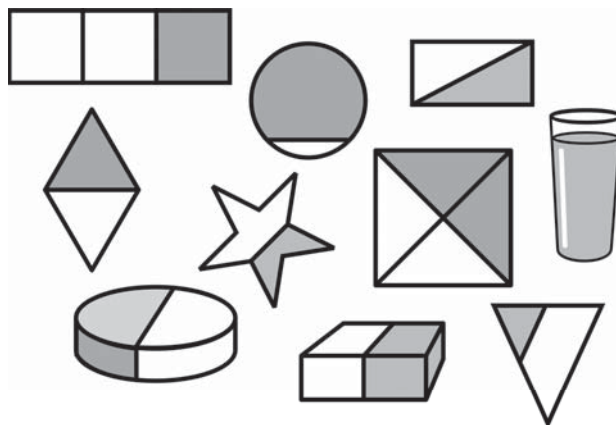


This is not a half.



Why is it not a half?

✓ Tick the pictures that show a half.



Problem solving:

Teacher initials:

Date:

Student solved the problem with:

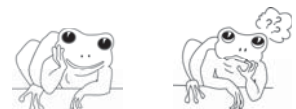
- Minimal help
- Some prompting
- Solved after explanation
- Did not work out a solution by themselves
- N/A – not a novel problem

How can you tell if the part shaded is a half?

Tell a friend why it is half.


Peer Assessment

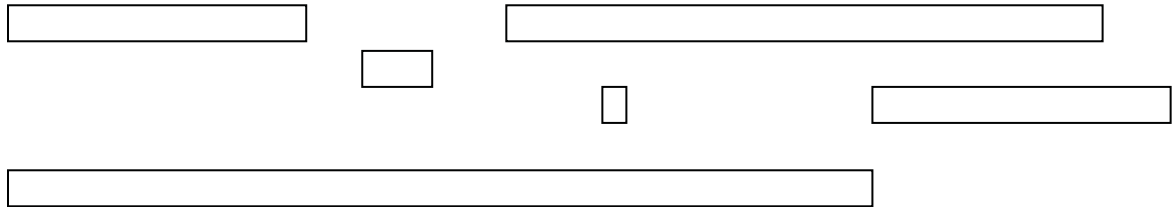
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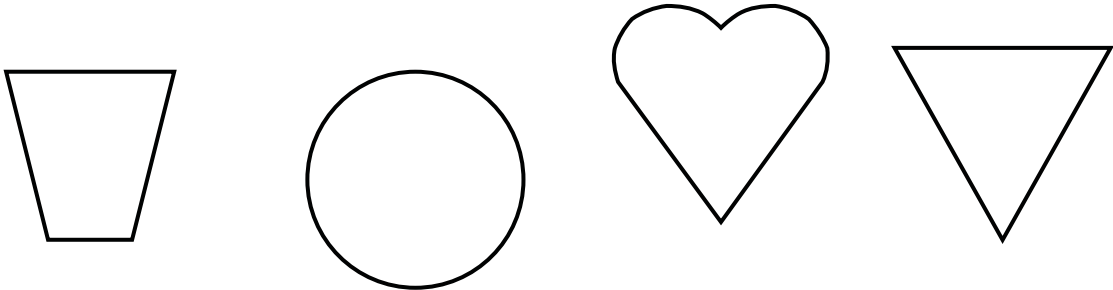
Application problems

1. Here is a ribbon. 

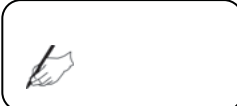
 Colour the pictures that show what half of the ribbon would look like.



2.  Colour half of these shapes.




3. Aaron wanted to share his muesli bar with a friend so he cut it in half.

How many pieces will he need? 

 Draw a line to show how he could cut his muesli bar in half.



 Can you think of another way to do it?

Interleaved practice

Number:

1. Draw 10 counters arranged as a triangle.
2. Two flowers were growing. Each had 7 petals. How many petals altogether? Draw them.
3. What number comes before 67?

Measurement/Geometry:

4. Draw a picture of a clock face.
5. What day was it before yesterday?
6. Use triangles and rectangles to draw a building.

Chance/Data:

7. Use tally marks to show how many days we have had so far this month, and how many days are yet to come.

Friday: Extension and Generalising Lesson

Are different shaped halves the same size or not?

Your little brother is trying to decide how to cut his sandwiches. He decides that he wants to cut his sandwich diagonally so that the pieces are bigger and he can have more food. What do you think? Are the pieces bigger or not? Prove that your idea is right.

Halves of the sandwich:



Use a rectangular piece of paper to represent the sandwiches – that way you can fold it and cut it to make each of the halves shown. **Are the halves the same size or different sizes?** Draw pictures and write sentences to explain your thinking.