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## Everyday Measure- ments

Use 3 different items to measure the length of 3 objects in the room.

Use popsicle sticks, felt pens (markers) and an object of your choice.

Be sure to **ESTIMATE** first.

Make a table in your book like this one.

|       | Popsicle Sticks |         | Felt Pens |         | Your Choice |         |
|-------|-----------------|---------|-----------|---------|-------------|---------|
|       | est.            | measure | est.      | measure | est.        | measure |
| table |                 |         |           |         |             |         |
| desk  |                 |         |           |         |             |         |
| door  |                 |         |           |         |             |         |



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## Around and Around

Find the PERIMETER of these shapes.

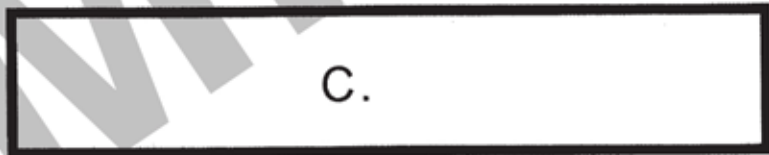
Use your ruler or wool to measure them.



A.



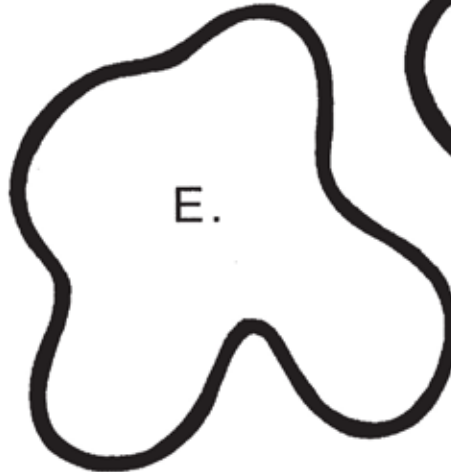
B.



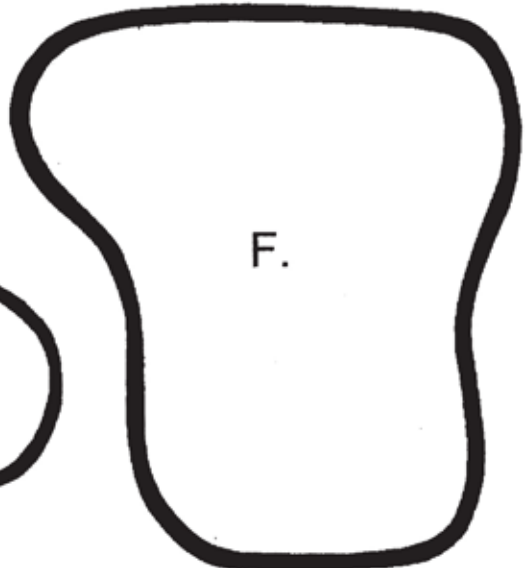
C.



D.



E.



F.

Record the results in your book.



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## Make a Clock

You need:

- paper plate
- felt markers
- split pin
- coloured card

Use the materials presented to you to make an analogue clock.

Be sure to show all the numbers.

The hands on your clock should move.

Use your clock to show the following times:

- When you start school
- Tea time
- Bed time.

Draw the three clock times in your Math book and label them.

## What's the Time?

Draw analogue and digital clocks in your Math book and show these times on the clocks. Label the clocks.

- When you woke up
- Lunch time
- Television news time
- When school finishes
- Your favourite time of the day



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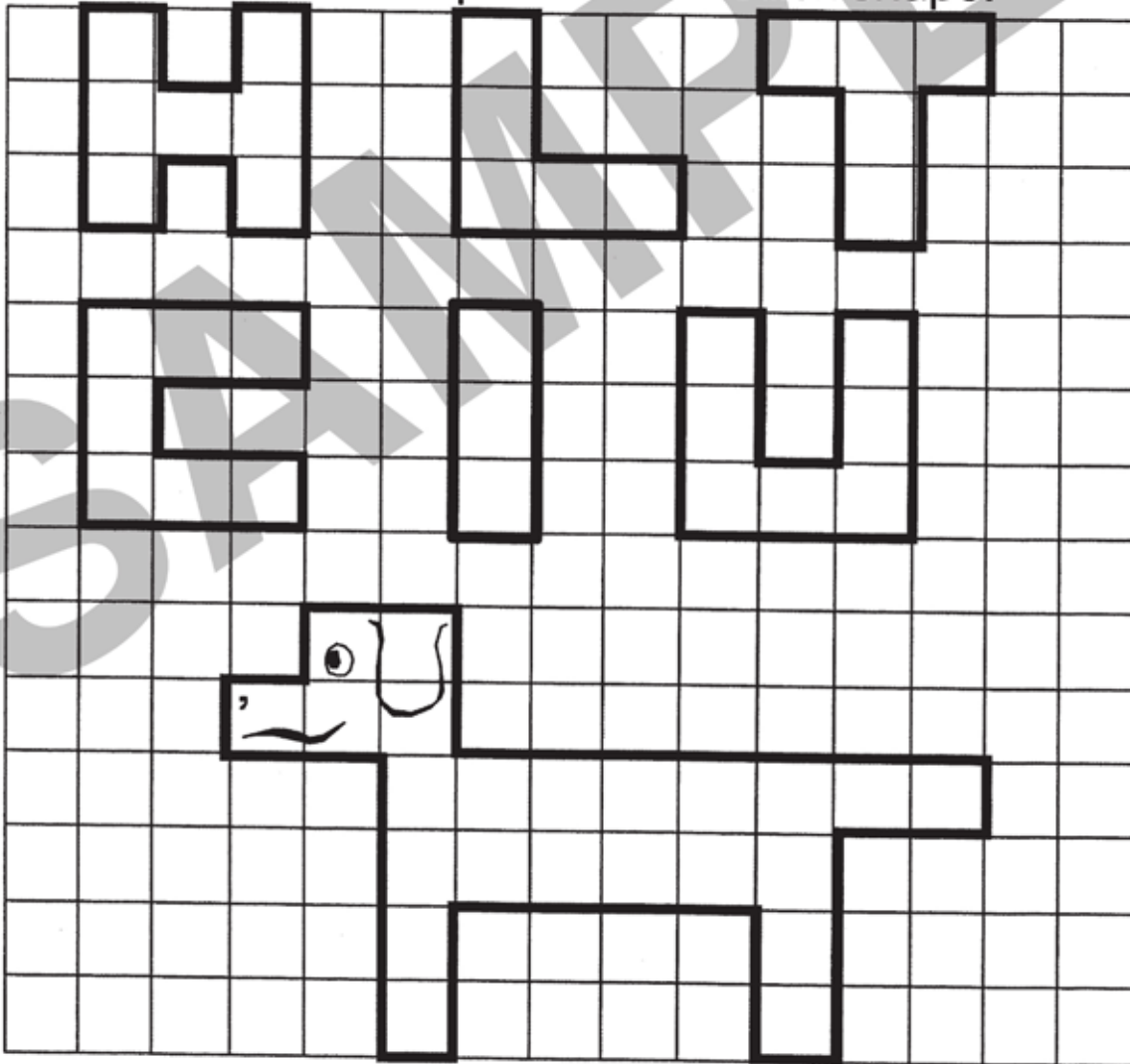
## Squares are Fun!

Each square on the grid is 1 cm long.

Find the numbers of centimeters around each shape. ape.

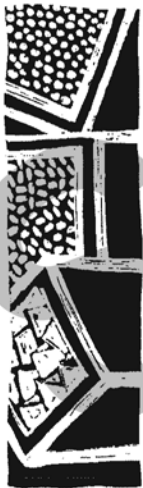
Find the perimeter of the funny dog shape.

Draw some shapes on graph paper and ask  
a friend to find the perimeter of each shape. ask





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## Just Cubing Around

Use the template provided to make an open cube. (Don't close the lid.)

- Estimate, then fill your cube with:
- 1cm cubes
  - heaping spoonfuls of rice
  - heaping spoonfuls of sand
  - polystyrene chips .

Record your estimates and actual findings on a bar graph in your Math book.

## In a Lump

For this activity you will need a displacement vessel and plasticine.

Make a lump of plasticine that you estimate has a volume of 250 ml.

Test it by putting it in the displacement vessel.

Adjust your lump of plasticine until it has a volume of 250 ml.

Now find the mass of the plasticine and record the results in your Math book.



## Bottle It

Choose 5 different liquid containers.

Estimate then measure their volume with water.

Graph the results.

## Make a Liter

Find three containers that you estimate in total will hold one liter of water.

Test your estimate.

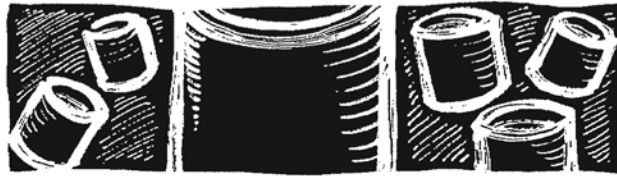
Change one or more containers until the three containers hold one liter

Record your information in pictures in your Math book.

Record your information in an equation.



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## How Many?

Choose one large container and 5 different smaller containers.

Estimate and then measure how many of each of the smaller containers it will take to fill the large container.

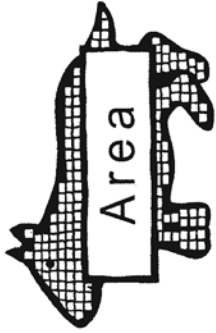
Keep a tally.

Make a bar graph and a picto-graph from the tally.  
Record in your Math book.

| Container | Estimate | Tally | Total |
|-----------|----------|-------|-------|
| A         |          |       |       |
| B         |          |       |       |
| C         |          |       |       |
| D         |          |       |       |
| E         |          |       |       |



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## Rule an Area

Measure shapes that have these areas:

- $10 \text{ cm}^2$  (  $5 \text{ cm} \times 2 \text{ cm}$  )
- $12 \text{ cm}^2$  (  $4 \text{ cm} \times 3 \text{ cm}$  )
- $16 \text{ cm}^2$  (You work it out)
- $20 \text{ cm}^2$  (You work it out).

Do the work in your Math book and label the shapes.

Can you make other shapes with the same areas?

## Lend a Hand!

You will need an  $8 \frac{1}{2}$  by 11 inch sheet of paper and a piece of coloured construction paper.

Trace around your hand on the construction paper. Cut it out.

Use the hand to find the area of:

- an exercise book
- a dictionary
- a locker.

Record the areas in your Math book.

Now trace around the hand onto the paper. Do this five or six times.

Find the area.

Colour in the tessellating pattern of hands to make an interesting pattern.