

Write the word that comes next.

leg peg leg peg _____

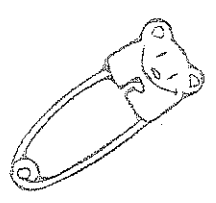
peg key peg key _____

beg peg leg beg peg leg _____

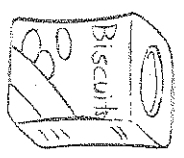
bed bed red bed bed _____

red bad red red bad red _____

Circle the correct word for each picture. Then write the word.



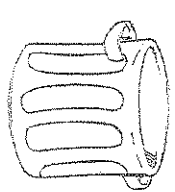
pin tin



fin tin



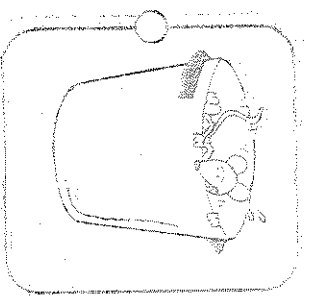
bin fin



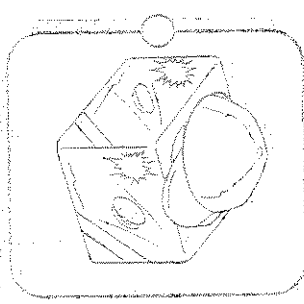
bin win

Read and match.

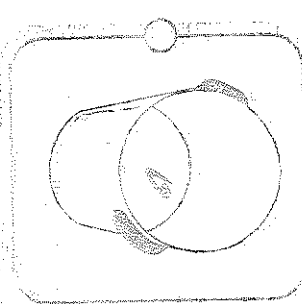
a pin in a bin



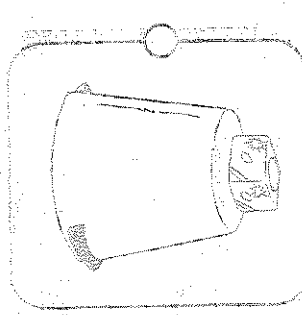
a tin on a bin



a rat in a bin



a cap on a tin



Read the words in each row. Circle the words that rhyme.

bin bat tin bag

leg dam dog ram

wet pan jam wet

rat bag wag sap

pin van cap win

circles and squares

2

circles squares

The worksheet contains six rows of patterns of circles and squares. The first five rows are filled with various sizes and shades of circles and squares. The sixth row is empty. To the right of the patterns are two columns of cloud-shaped boxes, each containing a grid of 10 boxes (5 rows by 2 columns).

Teacher's instructions

Write the number of squares and circles on each pattern, in the clouds. Draw your own pattern of circles and squares.

- ② Draw a picture using circles and squares.



EXPLORATION

The Ramp and Roll Experiment

Learning Objectives:

Round things will roll, square things won't. We use wheels to help move things that aren't round.

Things roll and slide more slowly on a sticky or bumpy surface. (The sticky or bumpy surface has more friction.)

Things roll faster down a steeper ramp.

What You Need:

Ramp (use a big piece of cardboard, a storage box lid, or a piece of wood. Prop up one end with blocks or cushions.

Variety of small balls and cylinders

Rectangular, square or triangular blocks

Plastic bottles

Toy cars or trucks

Method:

Set up a ramp and collect a variety of balls and blocks.

Roll and slide different things down the ramp.

Ask questions to encourage observation.

Questions to Ask:

Can you make each object move from the top of the ramp to the bottom?

Which shapes move easily and which don't move so well?

Which shapes roll and which shapes slide?

What can you use to help a block move to the bottom?

Follow Up:

What would happen if the ramp were steeper?

What would happen if the ramp were bumpy/fuzzy/sticky? Cover your ramp with a towel, a rug, or a piece of non-slip carpet underlay and find out.

Add one more.

How many now?

