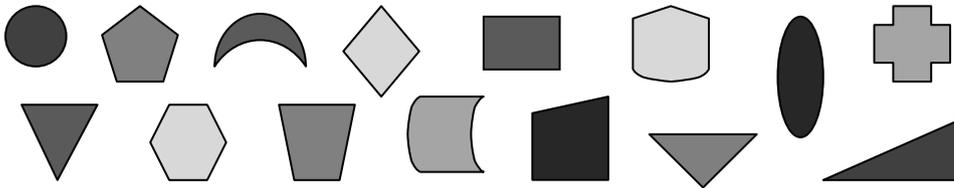


Problem 31: 2D shapes

In which groups do these shapes belong? Some shapes will belong to more than one group. Use the blank squares to make up some groups of your own.



 Shapes with more than 3 sides.

 Shapes with all straight sides.

 Shapes with one or more square corners.

 Shapes with . . .

 Shapes with . . .

Make a picture in your mind and then draw these shapes.

 Draw a circle on top of a triangle that has one corner facing upwards.

 Draw a rectangle between a small circle and a square.

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

Peer Assessment

Name:

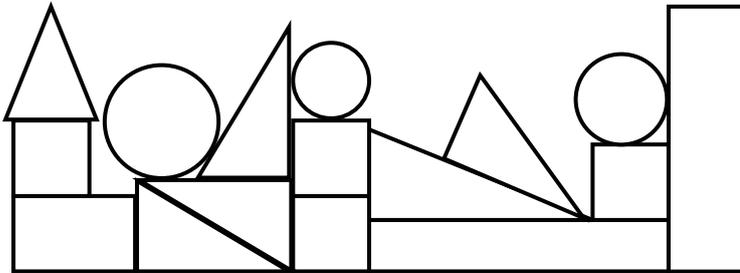


 Tell a friend about your drawings.

Application question

Madeline is using circles, rectangles, triangles, and squares to make a picture.

Add at least 5 more shapes to finish the picture.



How many circles can you see in the picture now?

How many triangles can you see in the picture now?

How many rectangles are there in the picture now?

How many squares are there in the picture now?

Which shapes can be drawn side-by-side without any gaps?

 or  Show how they fit together and explain why.

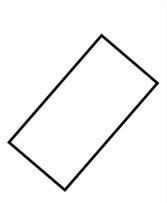
Interleaved practice

Number:

1. Starting at 64, count back in 5s until you get past 30.
2. $28 + \underline{\quad} = 52$
3. What groups can you make with 30 counters?
4. What number comes after 209?
5. Find two different ways to make \$2.00 without using any gold coins.

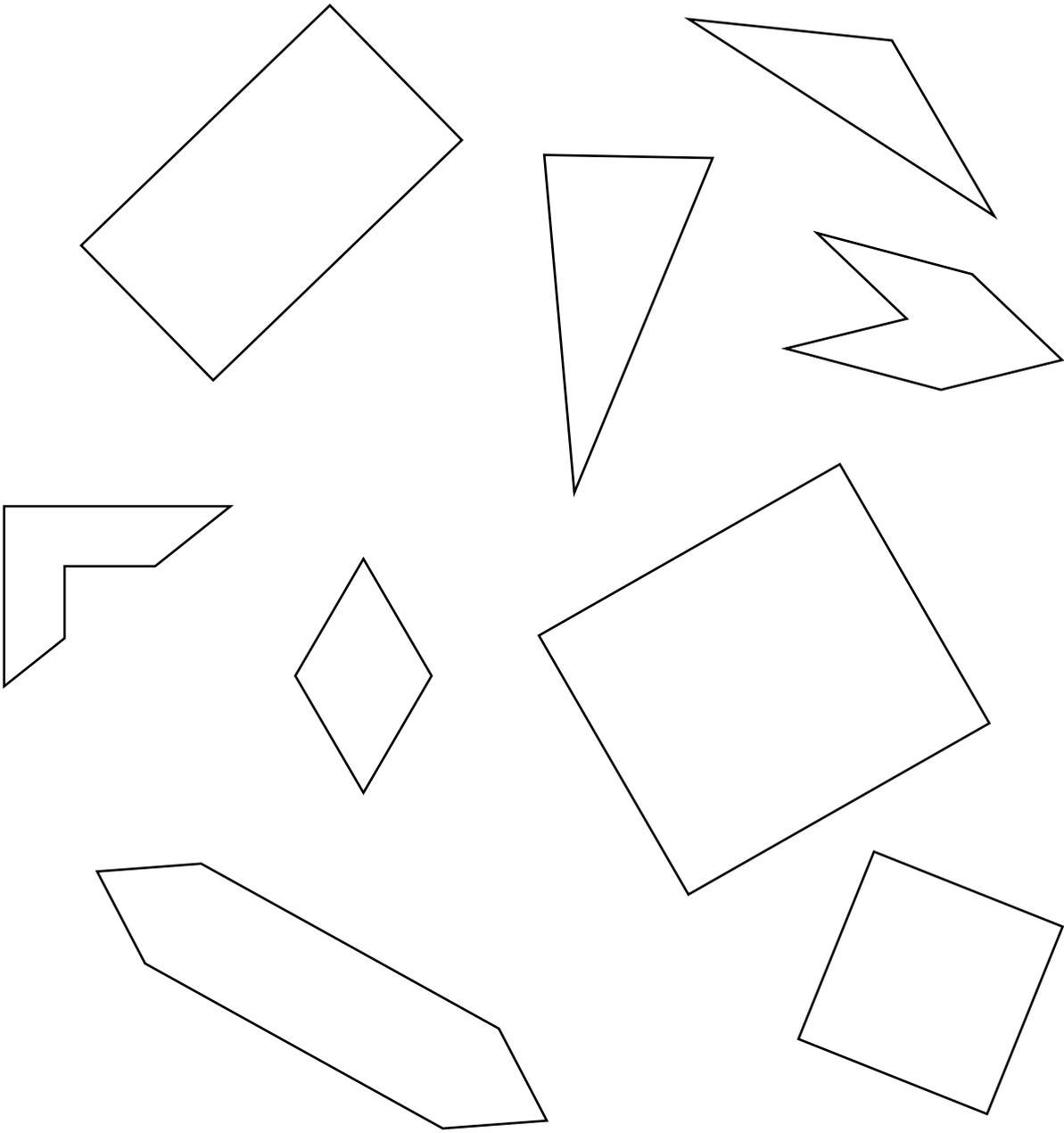
Measurement/Geometry:

6. Order three objects by their length from shortest to longest.
7. What time will it be in one hour?
8. Flip this shape across the line and draw what happens.

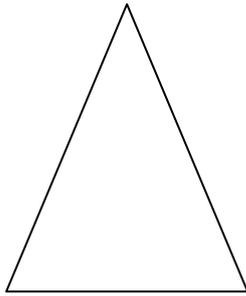


Chance/Data:

9. Use tally marks to count up how many teddies or cars you have.



Further application problem



This triangle has 2 sides that are the same length. Change the shape to make all of the sides into different lengths.



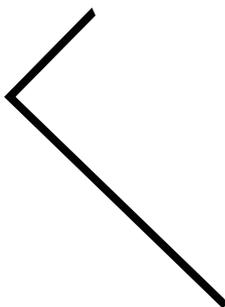
Draw the new shape over the old one to show how it changed.

What shape is it now?



Backwards question

These shapes have one or more sides missing. Finish the drawing so that they have the correct number of sides.



This shape has 3 sides and 3 corners. It is a





This shape has 4 sides and 4 square corners. There are 2 pairs of sides. Each pair of sides are the same length. It is a

