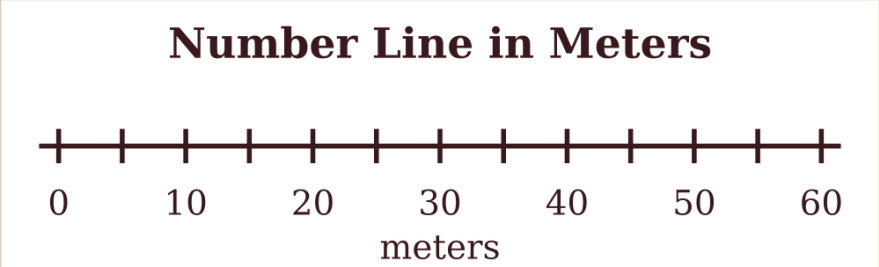
Grade 2 | MATHEMATICS

WEEK 34 • FILLABLE PRACTICE WORKBOOK • DAYS 166–170

Read the matching lesson in the Week 34 Student Textbook first. Type each answer in the box below its question and save a copy. Complete physical measurements, drawing, and hands-on tasks on a printed page. Day 170 is answered on your own.

Name: _____ Date: _____

Day 166: Review: Measure, Estimate and Compare Lengths



1. Which tool would you use to measure the length of a long hallway: a 12-inch ruler, a crayon or a measuring tape? Explain.

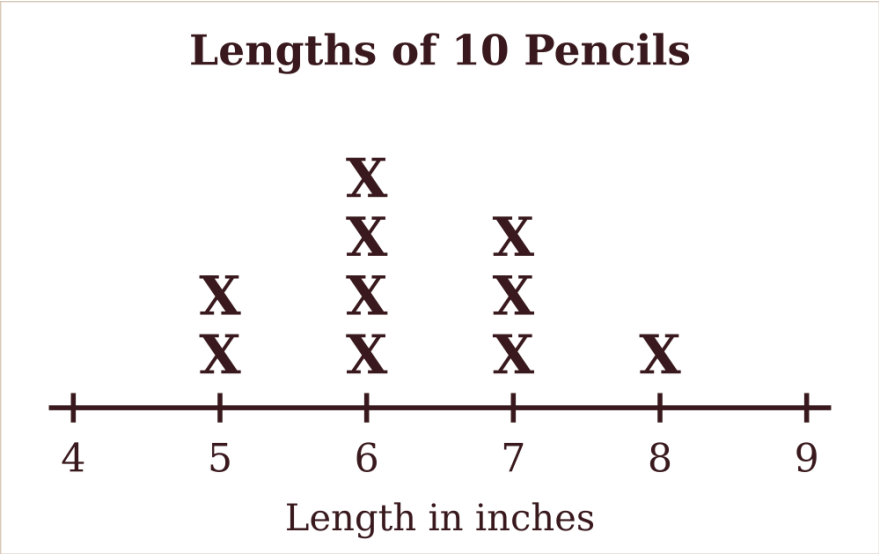
2. A pencil is 6 inches long. About how many centimeters long is it: 6, 15 or 60? Why is the number of centimeters bigger?

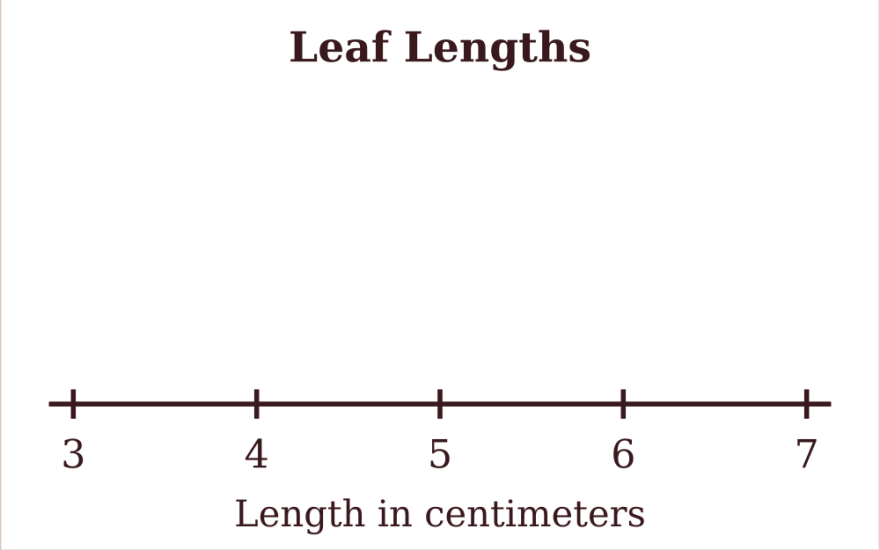
3. Sam estimates that a book is 12 inches long. He measures it, and it is 9 inches long. Was his estimate too long or too short, and by how many inches?

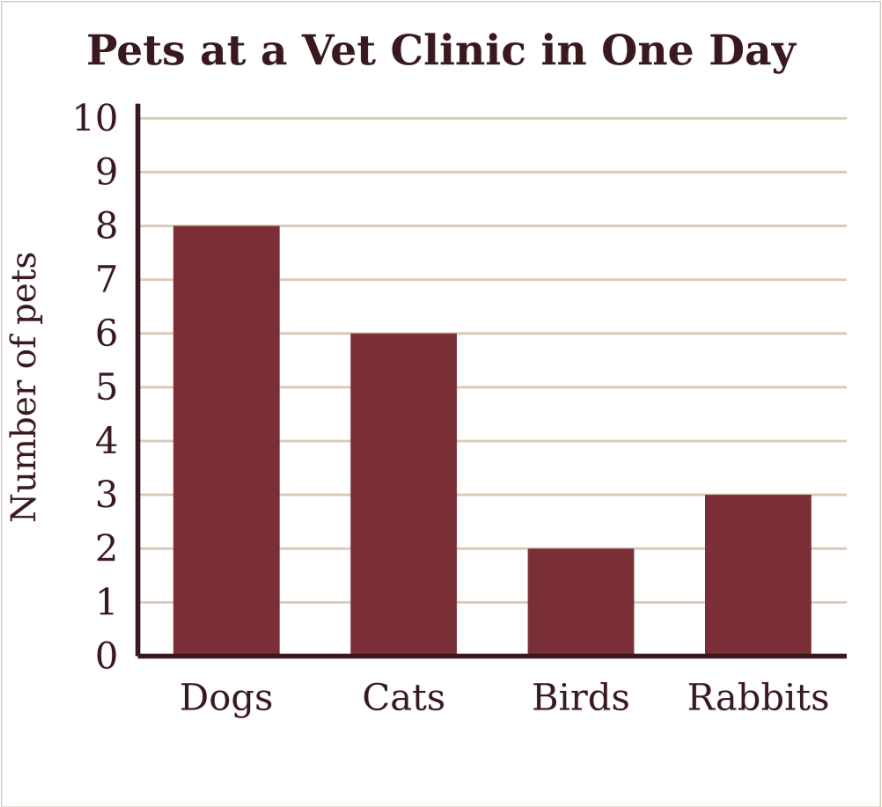
4. A blue rope is 47 feet long. A red rope is 29 feet long. How much longer is the blue rope?

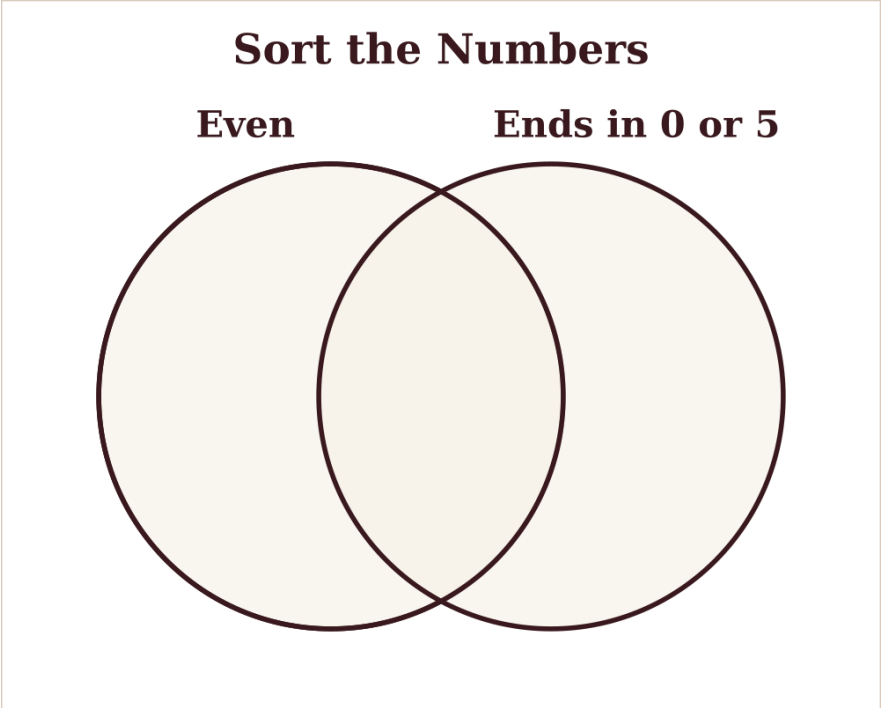
5. On the number line, start at 0 and draw a jump of 25, then a jump of 30. Where do you land? Write the equation.

Day 167: Review: Line Plots, Bar Graphs and Venn Diagrams









1. Use the pencil line plot. How many pencils were measured? Which length is the most common?

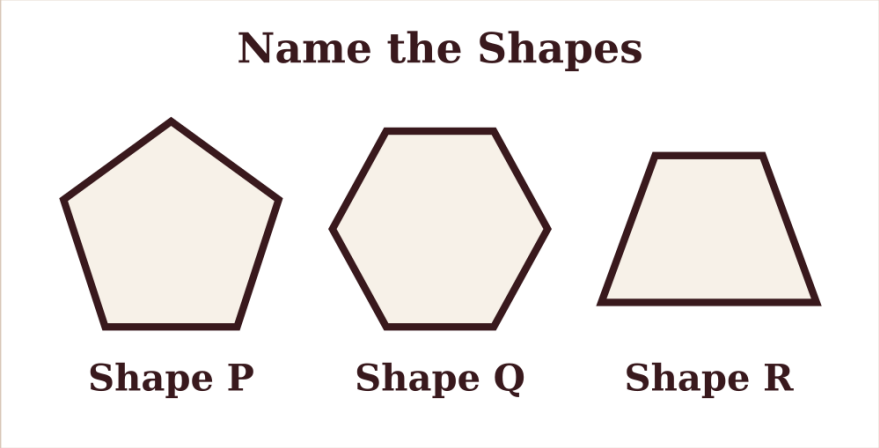
2. Six leaves measure 4, 6, 5, 6, 6 and 4 centimeters. Draw an X for each leaf on the blank line plot.

3. Use the bar graph. How many pets came to the clinic in all?

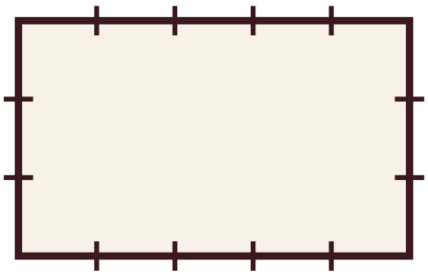
4. How many more dogs than birds came? How many fewer rabbits than cats?

5. Write these numbers in the Venn diagram: 12, 15, 20, 25, 30, 7.

Day 168: Review: Shapes, Rows and Columns, and Equal Shares

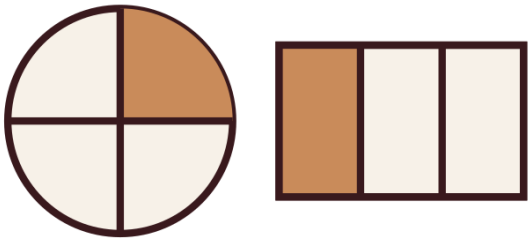


Split the Rectangle



Rectangle A

Name the Shares



Shape D Shape E

1. Name Shapes P, Q and R. Write how many sides and angles each one has.

2. Draw a quadrilateral with 4 square corners that is not a square. What is it called?

3. Draw lines to split Rectangle A into 3 rows and 5 columns of same-size squares. How many squares are there?

4. How many equal shares does Shape D have? What is each share called? Answer the same questions for Shape E.

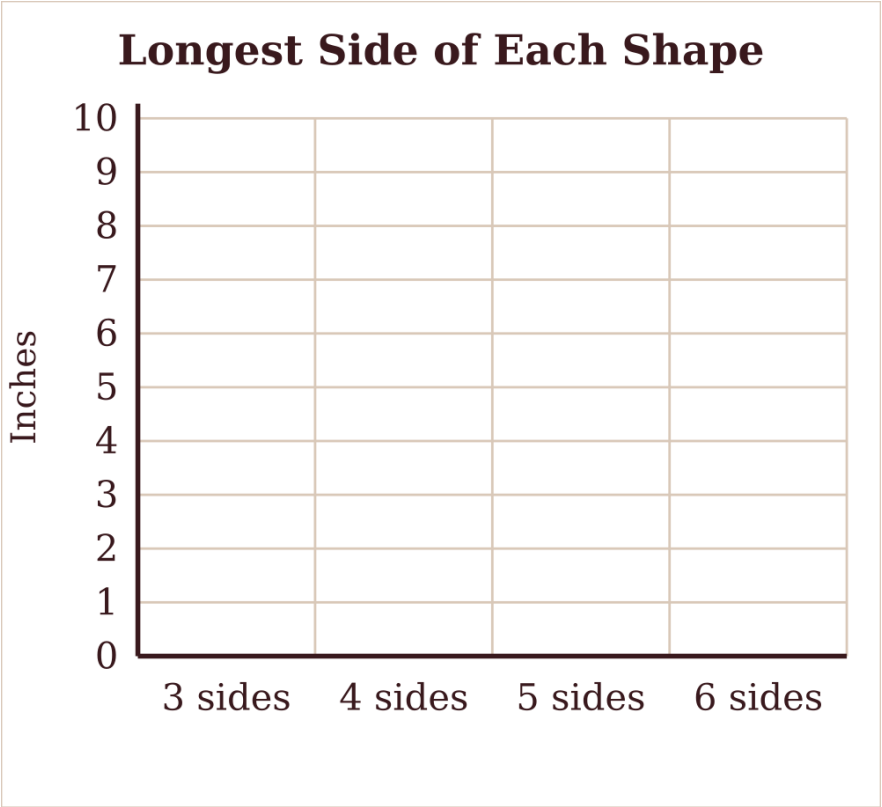
5. Two same-size squares are each cut in half: one with a line from top to bottom, and one with a line from corner to corner. Are the halves the same shape? Are they the same size? Explain.

Day 169: Hands-On: Build-Measure-Graph

Hands-on task: build-measure-graph

1. Use straws, craft sticks or paper strips and tape to build four shapes: a triangle, a quadrilateral, a pentagon and a hexagon.
2. Count the sides and angles of each shape and write them in the table.
3. Use a ruler to measure every side of each shape to the nearest inch. Write the lengths in the table and circle the longest side.
4. Color the bar graph to show the longest side of each shape, one square for each inch. Each bar is labeled by its number of sides.
5. Answer the questions, then take the shapes apart and put the pieces back in a container.

Shape	Sides and angles	Side lengths (inches)	Longest side
Triangle	____	____	____
Quadrilateral	____	____	____
Pentagon	____	____	____
Hexagon	____	____	____



The shape with the longest side, and how long it is:

---

1. Which of your shapes has the most sides? How many sides does it have?

2. Write the side lengths of your triangle. Which tool did you use to measure, and why?

3. Read your bar graph. Which shape has the longest side? How long is that side?

4. How many inches longer is your tallest bar than your shortest bar? Write the subtraction.

5. Ravi says a shape with 6 sides is a pentagon. Is he right? Explain.

Day 170: Independent Check: Measurement, Data and Geometry

Answer on your own. An adult may read the questions aloud but should not give the answers.

1. A crayon is 9 centimeters long. A marker is 14 centimeters long. How much longer is the marker?

2. Which unit is better for measuring the length of a classroom: centimeters or meters? Why?

3. Ribbons measure 3, 4, 4, 5, 4 and 6 inches. On a line plot, how many Xs go above 4? What is the longest ribbon?

4. Draw a shape with 5 sides and 5 angles. What is it called?

5. A rectangle is split into 2 rows of 4 same-size squares. How many squares are there? How many squares make one fourth of the rectangle?