Talking Percents

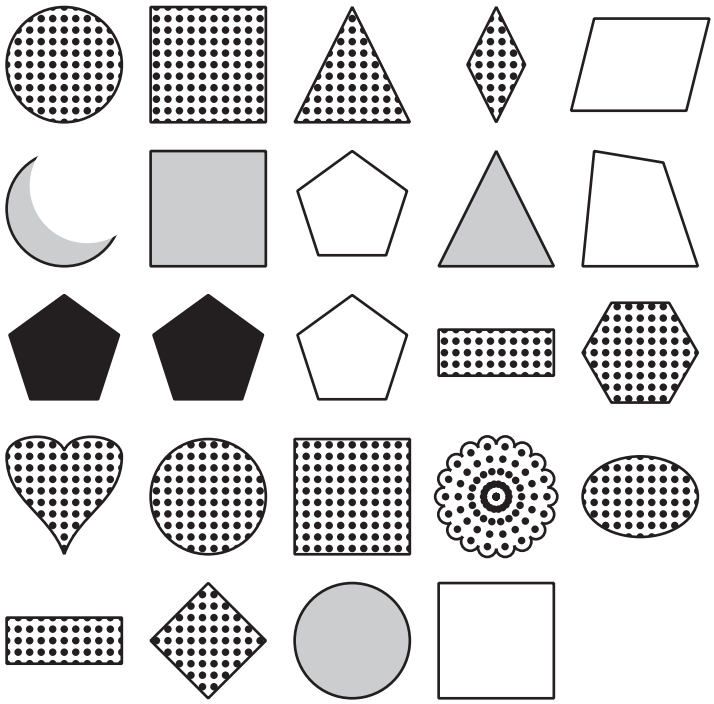
Let's explore percentages.

2.1 Math Talk: Percents

Evaluate mentally.

- 50% of 200
- 25% of 200
- 6% of 200
- 3.2% of 200

2.2 Shapes Galore



Use the image to fill in one word or number for each of the blanks. Round each percentage to the nearest whole number.

1. _____ of the 13 shapes with dots are circles. _____% of the shapes with dots are circles.

2. 5 of the _____ _____ are white. _____% of the shapes are white.

3. _____ of the _____ shapes are quadrilaterals. _____% of the shapes are quadrilaterals.

4. _____ of the 4 _____ are _____. _____% of the 4 _____ are _____ .

5. _____ of the _____ _____ are _____ . _____% of the _____ are _____ .

2.3 Favorite Movies and Favorite Classes

Complete the two-way table with data from the class.

For each question:

- Decide what categories you would use to calculate the percentage, and explain your reasoning.
- Write an expression to use to find the percentage.
- Calculate the percentage to the nearest whole number.

	prefer sci-fi movies	prefer drama movies	total
prefer science class			
prefer English class			
total			

1. What percentage of the class prefers sci-fi movies?

2. What percentage of the class prefers science class?

3. What percentage of the class prefers dramas?

4. What percentage of the class prefers science class and dramas?

5. What percentage of the class prefers English class?

6. Of the students who prefer dramas, _____% prefer English class.

7. Of the students who prefer science class, _____% prefer sci-fi movies.