

Lesson 2: Talking Percents

- Let's explore percentages

2.1: Math Talk: Percents

Evaluate mentally.

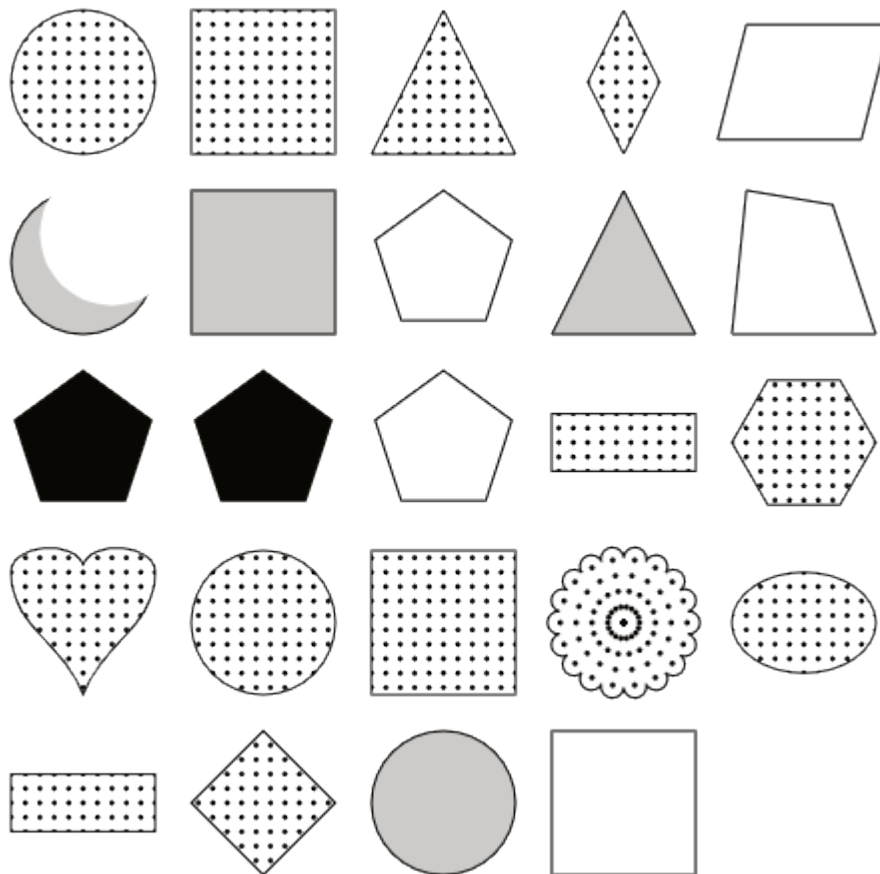
50% of 200

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

For each question:

- Explain to a partner what categories you would use to calculate the percentage.
- 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 prefer sci-fi movies?
2. What percentage of the class prefer science class?
3. What percentage of the class prefer dramas?
4. What percentage of the class prefer science class and dramas?

5. What percentage of the class prefer English class?
6. Of the students who prefer dramas, _____% prefer English class.
7. Of the students who prefer science class, _____% prefer sci-fi movies.