Name: _____   Period: _____   Date: _____
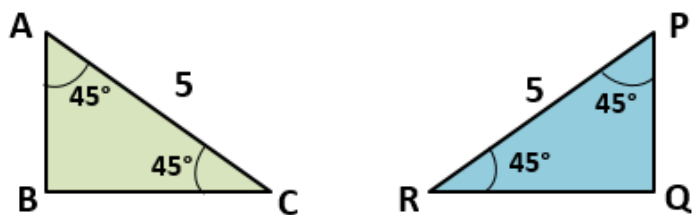
Thanksgiving Color Match Activity USING CPCTC

Size

ASA

Congruent

$x = 1, y = 1$

42°

42°

42°   42°

30°   30°   30°

45°   90°

45°

1
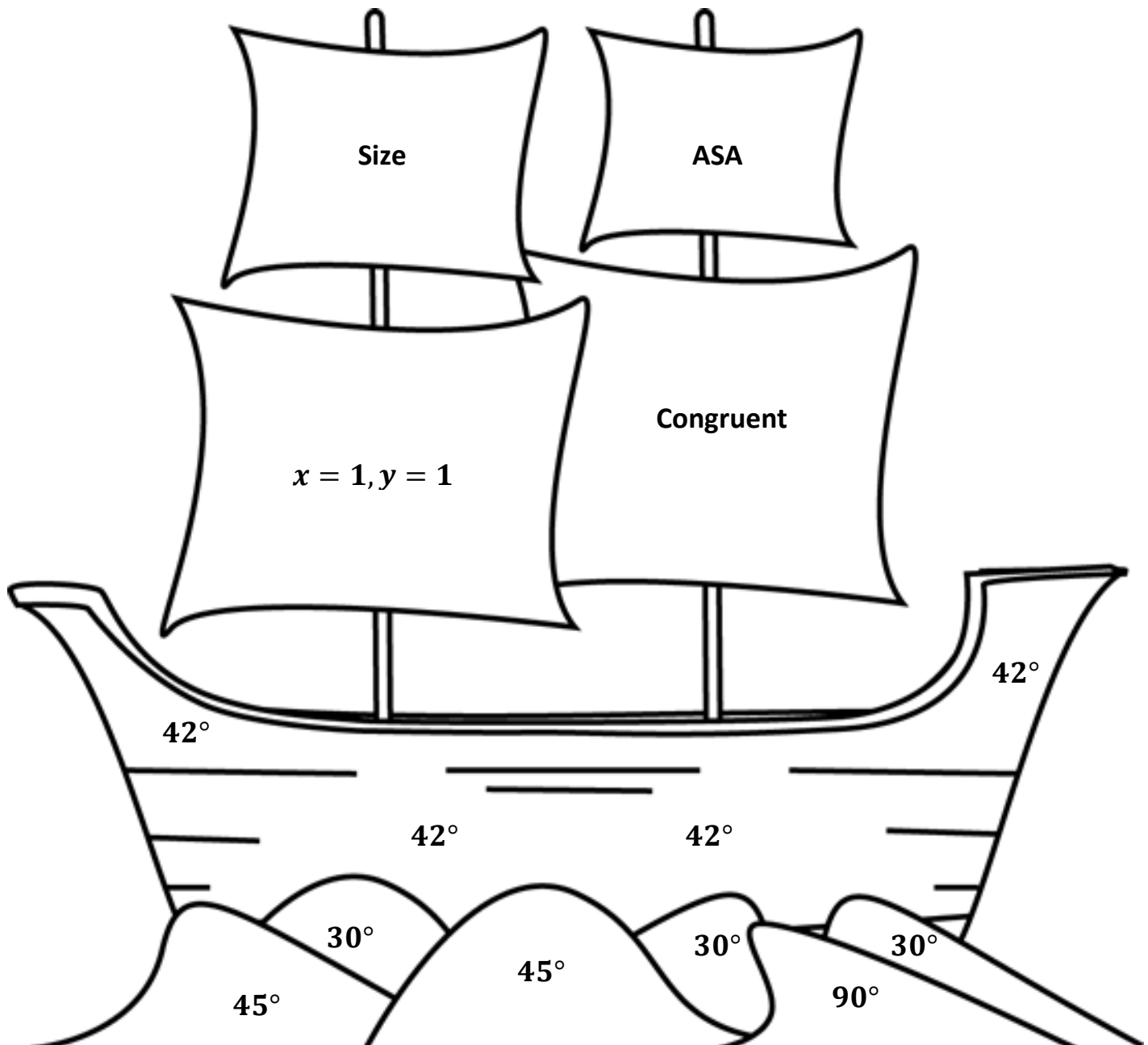
Directions: Answer the questions. Find your answer on the May-Flower ship. Then color according to your answers.
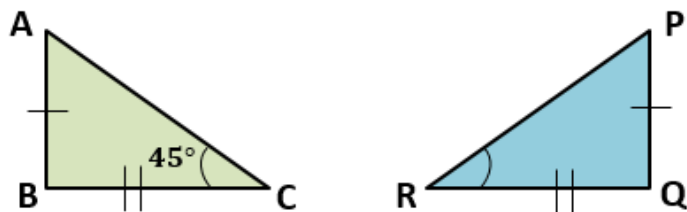
1. Two triangles are congruent if they have the same shape and the same _____. **(YELLOW)**

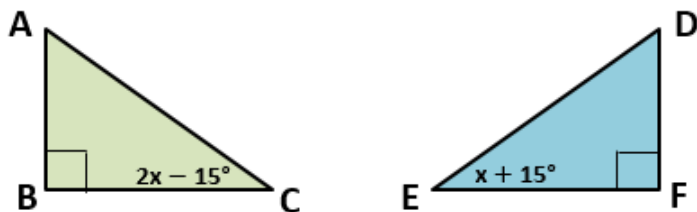**2.** The triangles in below figure are congruent by _____ postulate. **(ORANGE)**

3. The corresponding parts of congruent triangles are _____. **(PINK)**

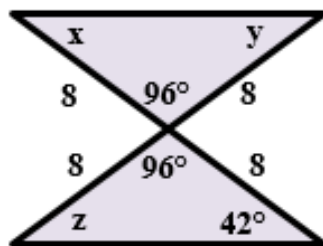**4.** What is the value of ∠R if the two triangles given below are congruent? **(LIGHT BLUE)**

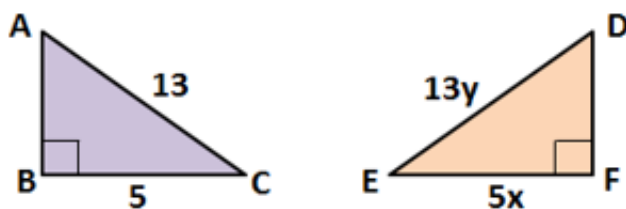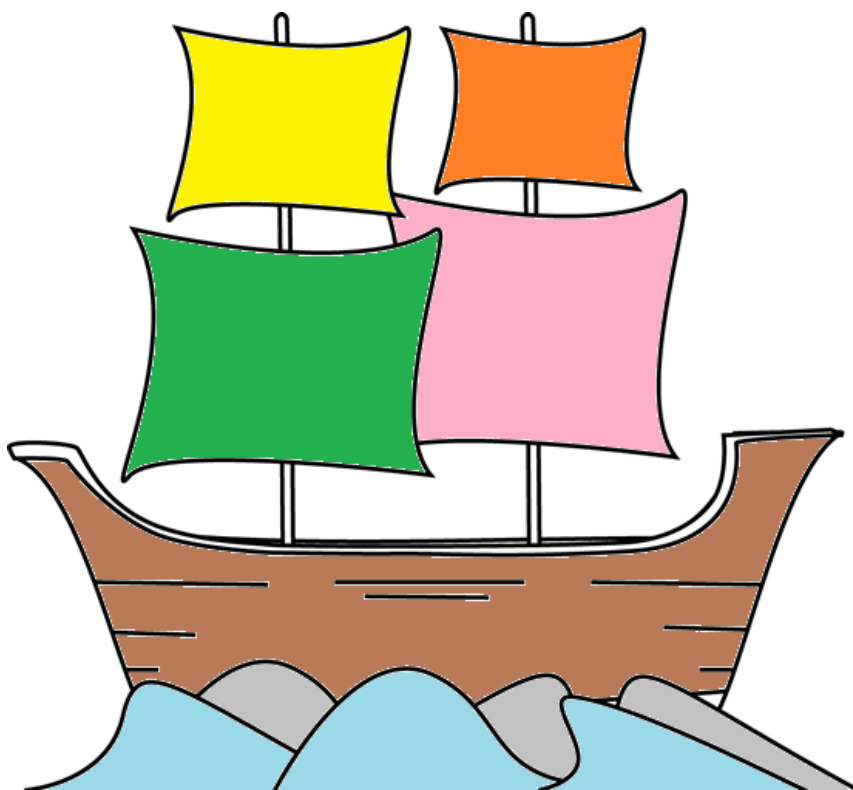**5.** What is the value of x if the two triangles given below are congruent? **(GREY)**

6. What is the value of ∠B in the figure shown above? **(SKY BLUE)**

7. What is the value of y in the figure shown below? **(BROWN)**

8. What will be the value of x and y if both right triangles are congruent? **(GREEN)**

Answers:
1. Size
2. ASA
3. Congruent
4. 45°
5. 30°
6. 90°
7. 42°
8. $x = 1, y = 1$

GeometryCoach.com