Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
**Thanksgiving Color Match Activity** CONGRUENT FIGURES



**2-dimensional**

$$108°$$

$$108°$$

**Equal**

**Congruent**

$$6 cm$$

**Ratios**

$$45°$$

**Similar**

**Angle**

**2-dimensional**

**2-dimensional**

**2-dimensional**

**Directions: Answer the questions. Find your answer on the Thanks-Giving Turkey. Then color according to your answers.**

**1.** The figure below represents a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ figure. **(LIGHT YELLOW)**

 **2.** The \_\_\_\_\_\_\_\_\_\_ refers to the measure of turn between two line segments. **(RED)

3.** If the two figures have same shape but not the same size, the figures are \_\_\_\_\_\_\_\_\_\_. **(ORANGE)

4.** If the figures below are similar, what is the measure of angle A? **(YELLOW)

5.** The corresponding sides of the similar shapes have same \_\_\_\_\_\_\_\_\_. **(GREY)

6.** In the figure given below, what is the value of $x?$ **(RED)

 **

$$A$$

$$45°$$

 **7.** If the two figures have same shape and size, the figures are \_\_\_\_\_\_\_\_\_\_. **(ORANGE)**

 **8.** The corresponding sides of the congruent shapes are \_\_\_\_\_\_\_\_\_\_\_. **(GREEN)**

**9.** In the figure given below, what is the value of angle $y?$ **(BROWN)**

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|  |  |
| --- | --- |
|  | **Answers:**1. **2-dimensional**
2. **Angle**
3. **Similar**
4. $45°$
5. **Ratios**
6. $6 cm$
7. **Congruent**
8. **Equal**
9. $108°$
 |