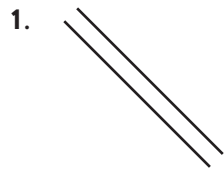Name _____ Date _____

Skills Maintenance
Geometric Constructions

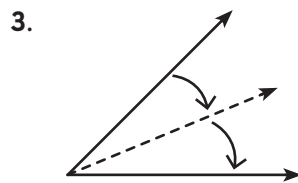**Activity 1**

Select the term that describes the construction.

1.

(a) parallel

(b) perpendicular

(c) bisector

2.

(a) parallel

(b) perpendicular

(c) bisector

3.

(a) parallel

(b) perpendicular

(c) bisector

Name _____ Date _____

%÷ Apply Skills
Another Way to Think About Balancing Equations

Activity 1

Substitute equivalent shapes until both sides are exactly the same as the other. Use these equivalences:

$$\triangle \triangle \triangle = \bigcirc$$
$$\square \square \square \square \square = \bigcirc$$
$$\square \square = \triangle$$

Model	$\bigcirc \triangle = \triangle \triangle \triangle \square \square$ Answer $\bigcirc \triangle = \triangle \triangle \triangle \square \square$ $\bigcirc \triangle \qquad \bigcirc \qquad \triangle$

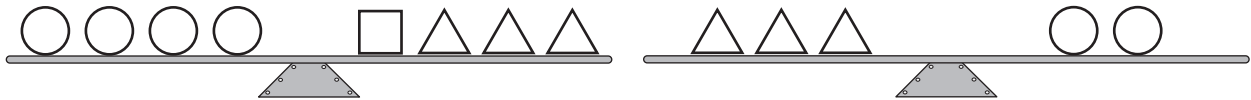**1.** $\bigcirc = \square \square \triangle \triangle$

2. $\square \square \bigcirc = \triangle \triangle \triangle \triangle$

3. $\triangle \triangle \triangle \triangle = \square \square \square \square \square \square \square$
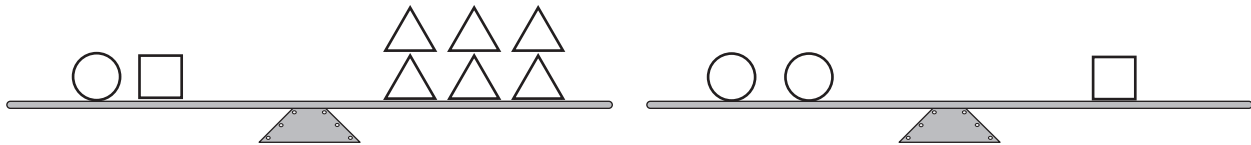
Activity 2

Find the relative weight for each shape. Use information from both scales or cancel out shapes that are the same on the same scale to answer each problem. The weight of each of the shapes changes for each problem.
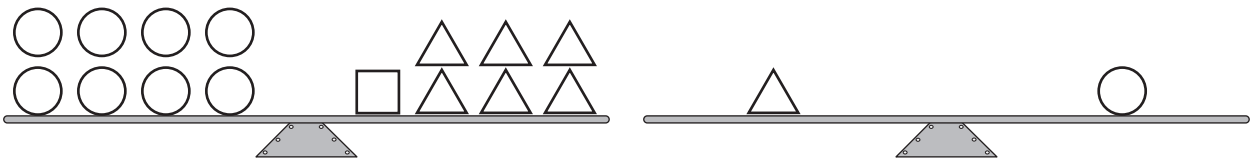
1. Find the weight of the square.

_____

2. Find the weight of the circle.

_____

3. Find the weight of the square.

_____

4. Find the weight of the square.

_____

mBook Reinforce Understanding
Use the **mBook** *Study Guide* to review lesson concepts.