

Review/Assessment

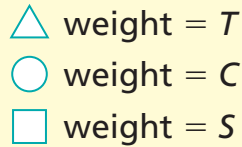
NCTM Standards 1, 2, 6, 7, 9, 10

- 1 Circle the equations that agree with the mobile. *Lessons 1-3*

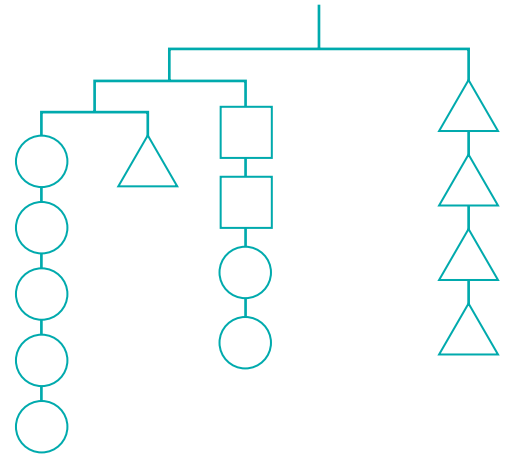
$2C = S$

$3T = 2S + 7C$

$3C + T = 2S$



Total Weight: 40

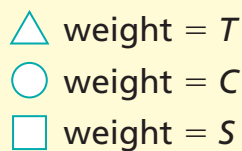


- 2 Find the weight of each shape. *Lessons 1-3*

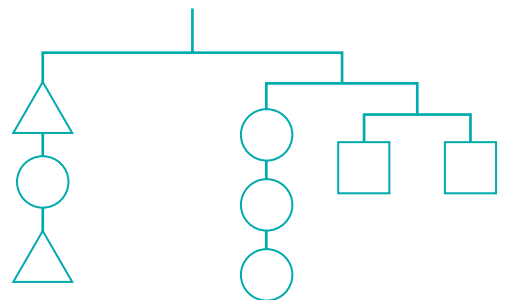
$\triangle = \underline{\quad}$ $\circ = \underline{\quad}$ $\square = \underline{\quad}$

- 3 Write two equations that describe the mobile. *Lessons 1-3*

$\underline{\quad} = \underline{\quad}$
 $\underline{\quad} = \underline{\quad}$



Total Weight: 24

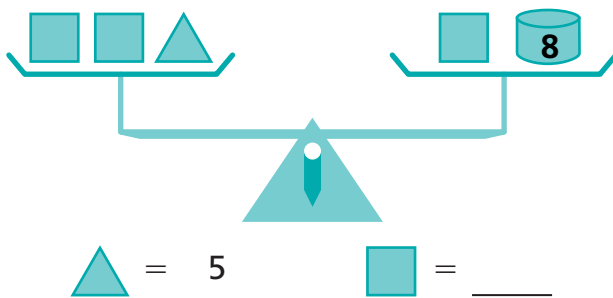


- 4 Find the weight of each shape. *Lessons 1-3*

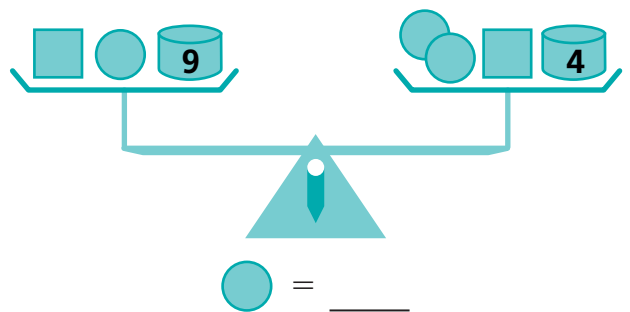
$\triangle = \underline{\quad}$ $\circ = \underline{\quad}$ $\square = \underline{\quad}$

Solve these balance puzzles. *Lesson 4*

5



6



- 7 Nimit wrote this number trick for his friend Catherine.

Catherine's resulting number was 3.

What was Catherine's starting number? [Lesson 5](#)

Number Trick

1. Pick a number.
2. Add 5 to it.
3. Multiply the result by 2.
4. Subtract 10 from that.
5. Divide by 2

- 8 Draw a diagram to describe this situation. [Lesson 6](#)

The theater had four rows of chairs and two extra chairs set up for the play.



- 9 Randy has to pay the same for each of his four overdue library books. He also has to pay five dollars for a book he lost.

Circle the equation that best describes the total amount he owes. T stands for the total amount; F stands for the overdue fine for each book. [Lesson 7](#)

$$T = F + 5$$

$$T = F - 5$$

$$T = 5 + 2F$$

$$T = 4F + 5$$

- 10 Grayson is 5 years older than his sister, Greta. Greta is half as old as Greg. If Greg is 16, how old is Grayson? [Lesson 8](#)

Show how you solved the problem.

