

Warm Up 3

1. congruent
2. 0
3. $3.\overline{142857}$; repeating decimal

Lesson Practice 3

- a. Rays: \overrightarrow{SR} , \overrightarrow{ST} , \overrightarrow{SP}
Angles: $\angle RST$, $\angle TSP$,
 $\angle RSP$
- b. Obtuse, 125°
- c. 65°
- d. 67°
- e. 36°

Practice 3

- right, 90°
- acute, 54°
- right, 90°
- obtuse, 144°
- D
- 180°
- 11
- D
- 2
- 5
- Sample: He needs to remember that congruence refers to a figure whereas equality refers to numbers. Two segments having the same length are congruent segments, but their lengths are equal.
- 4, 64°
- 2 meters
- Transitive Property of Congruence
- 2
- -44.5
- Yes, a line lies in a single plane, so if four points are collinear they are also coplanar.
- 84
- $(2x + 3)(5x - 7)$
- 15.4
- $69,300 \text{ ft}^2$
- $800,000 \text{ yd}^2$
- The graph of $y = f(x) + 3$ is the graph of $y = f(x)$ translated up 3 units.
- $g = \frac{(j^2 + 2jy + y^2)}{6}$
- 67.8 m
- $8.14 \times 10^{16} \text{ km}$
- 3000 mL

28. integer, rational number,
real number
29. yes
30. 26°F