

Geometry Unit 7.1 Worksheet Answers

1. \overline{HI}
2. \overline{MP}
3. \overline{GI}
4. C and E
5. B and D
6. $RT = 6$
7. $TS = 2$
8. $GC = 10$
- 9.

Statement	Reason
1. $\overline{GC} \cong \overline{CS}, \overline{OR} \cong \overline{RE}$	Given
2. C is the midpoint of \overline{OS}	Definition of a midpoint
3. R is the midpoint of \overline{OE}	Definition of a midpoint
4. \overline{CR} is a midsegment	Definition of a midsegment

10. $x = -6; UV = 30$
11. $x = 5; UA = 50, AT = 50; SUM = 100$
12. $x = -9; NM = 9, FN = 6; SUM = 15$
13.
 - a. $\frac{2}{1}$
 - b. $\frac{1}{2}$
 - c. $\frac{2}{5}$
 - d. $\frac{1}{2}$
 - e. $\frac{1}{2}$
 - f. $\frac{1}{1}$
14. E