

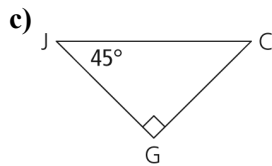
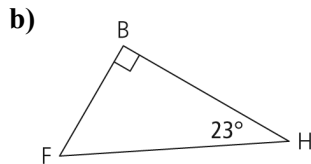
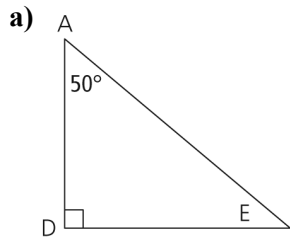
Chapter 3 Warm-Up

Section 3.1 Warm-Up

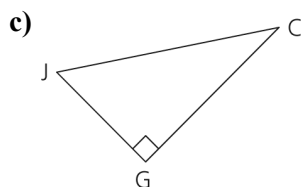
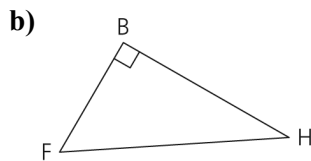
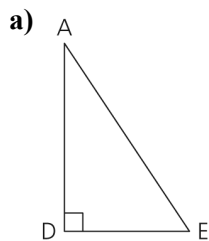
1. Calculate each to one decimal place.

- a) $4\sqrt{6}$
- b) $3\sqrt{7}$
- c) $2\sqrt{11}$

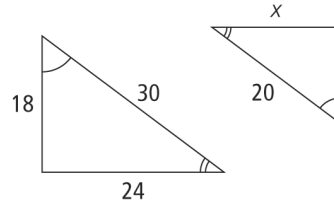
2. How large is the unknown acute angle in each triangle?



3. For each triangle, identify the hypotenuse.

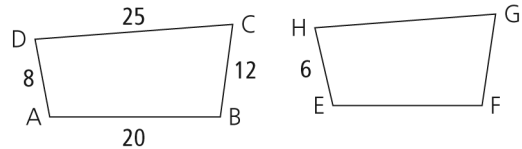


4. If these two polygons are similar, which proportion would you solve to find x ?



- A $\frac{x}{18} = \frac{20}{30}$
- B $\frac{x}{24} = \frac{30}{20}$
- C $\frac{18}{x} = \frac{20}{30}$
- D $\frac{24}{x} = \frac{30}{20}$

5. If quadrilateral ABCD is similar to quadrilateral EFGH, find each of the following:



- a) EF
- b) FG
- c) GH