Name_____ Date _____

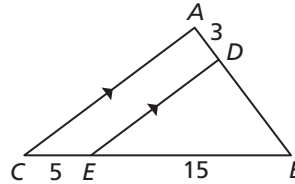## 8.6 Practice A

In Exercises 1 and 2, find the length of $\overline{AB}$.
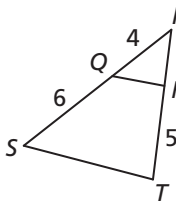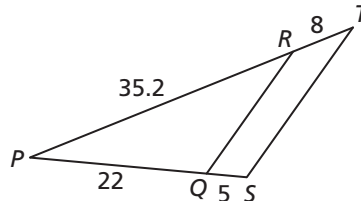
1.
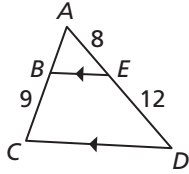
2.

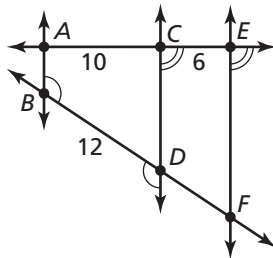**In Exercises 3 and 4, determine whether $\overline{QR} \parallel \overline{ST}$.**

3.

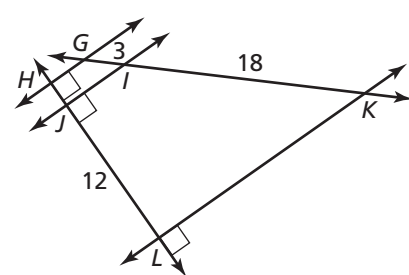
4.

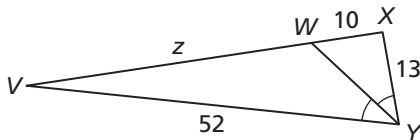**In Exercises 5 and 6, find the length of the indicated line segment.**

5. $\overline{DF}$

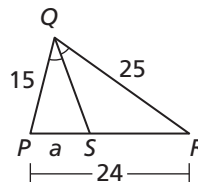**6.** $\overline{HJ}$

In Exercises 7 and 8, find the value of the variable.

7.

8.

9. The diagram shows the skyline of a city. Find the distance between point E and point F for which $\overline{BE} \parallel \overline{CF}$. Explain your reasoning.