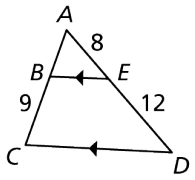
Name _____ Date _____

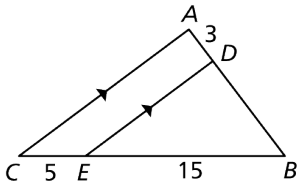
8.4 Practice A

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

1.

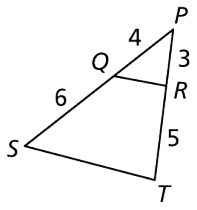


2.

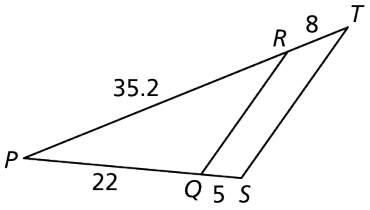


In Exercises 3 and 4, determine whether $\overline{QR} \parallel \overline{ST}$.

3.

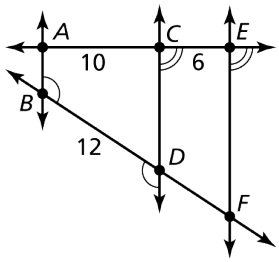


4.

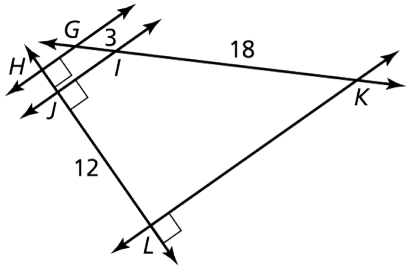


In Exercises 5 and 6, find the length of the indicated line segment.

5. $\overline{DF}$

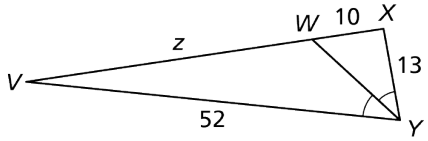


6. $\overline{HJ}$

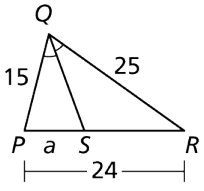


In Exercises 7 and 8, find the value of the variable.

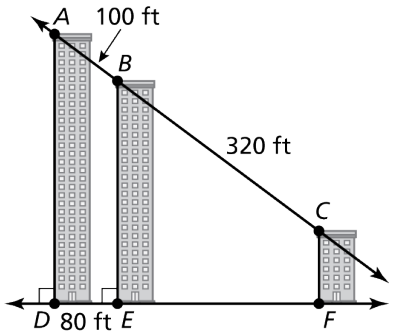
7.



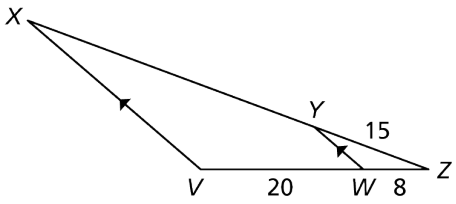
8.



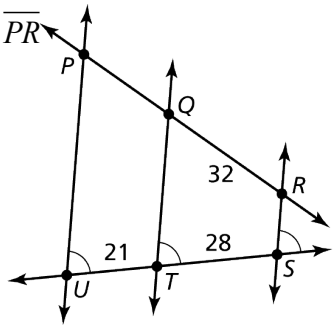
9. The diagram shows the skyline of a city. Find the distance between point E and point F for which $\overline{BE} \parallel \overline{CF}$. Explain your reasoning.



10. $\overline{XY}$

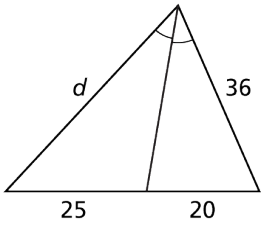


11. $\overline{PR}$



In Exercises 3 and 4, find the value of the variable.

12.



13.