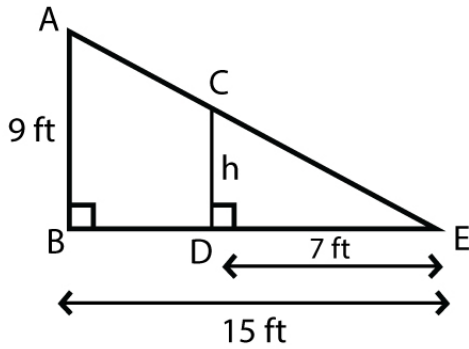


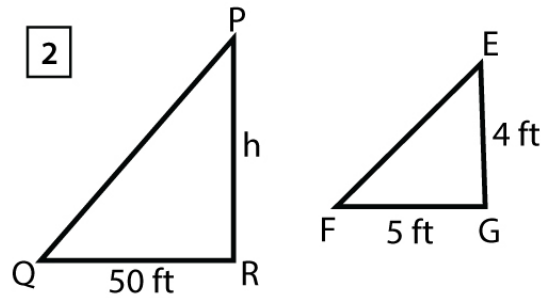
Similar Triangles with Indirect Measurement Worksheet

Find the unknown variable in the given pair of similar triangles

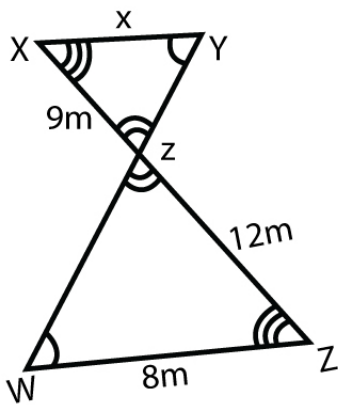
1



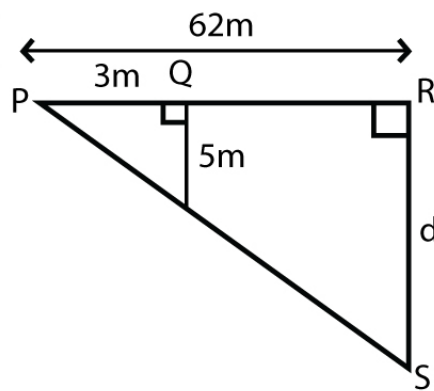
2



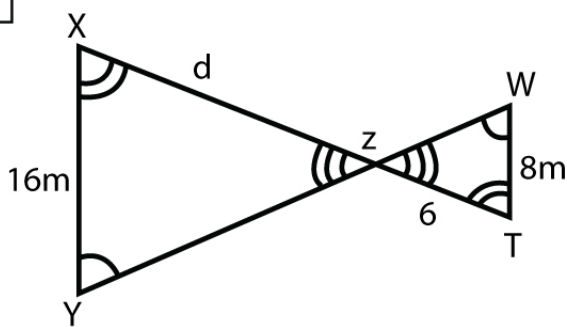
3



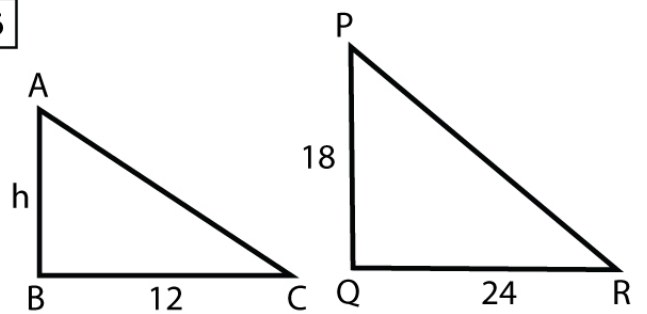
4



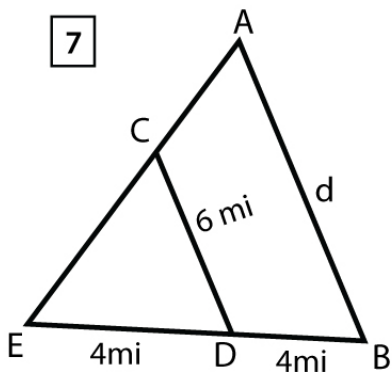
5



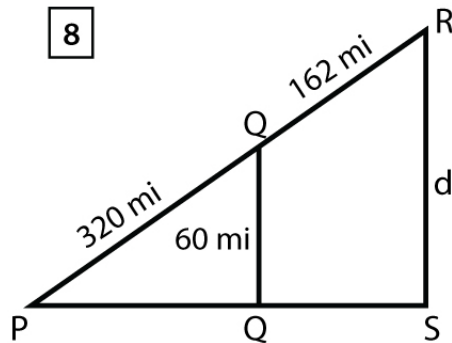
6



7



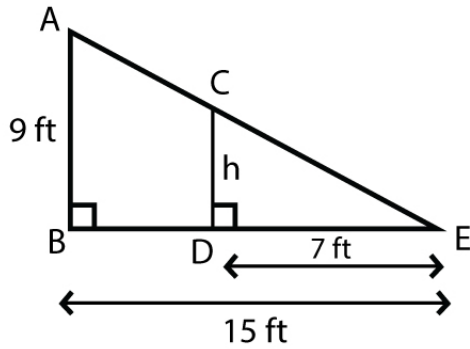
8



Similar Triangles with Indirect Measurement Worksheet

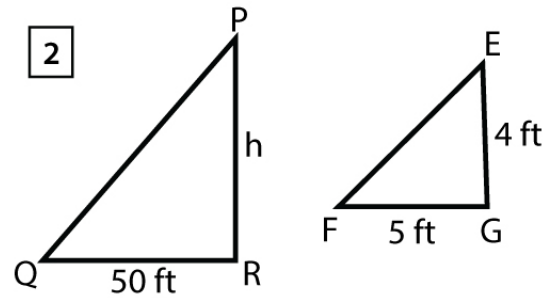
Answers

1



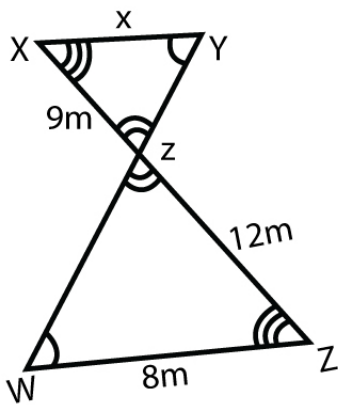
$h = 4.2$

2



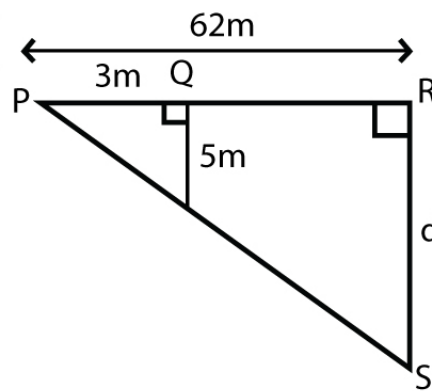
$h = 40 \text{ ft}$

3



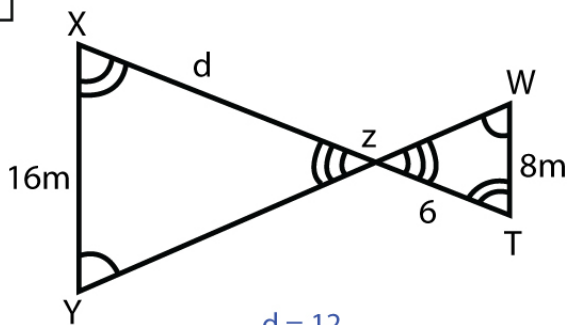
$x = 6$

4



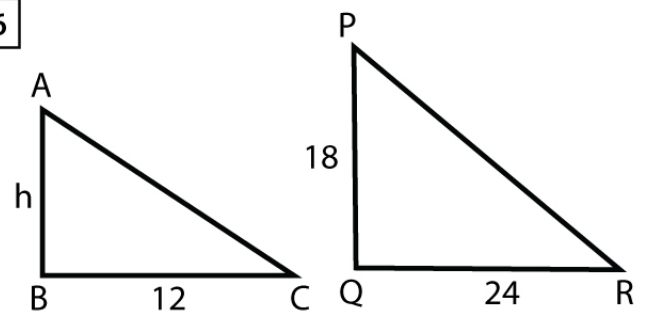
$d = 103.33$

5



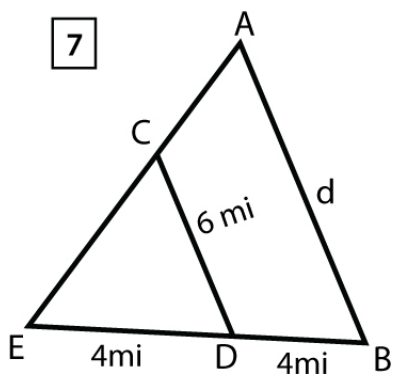
$d = 12$

6



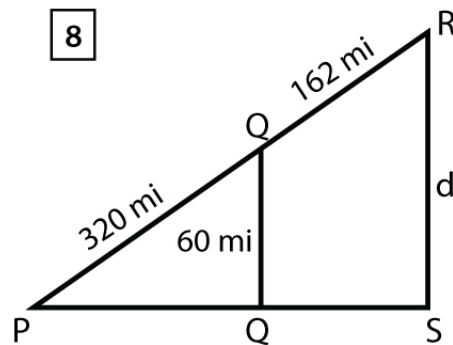
$h = 9$

7



$d = 12$

8



$d = 90.37$