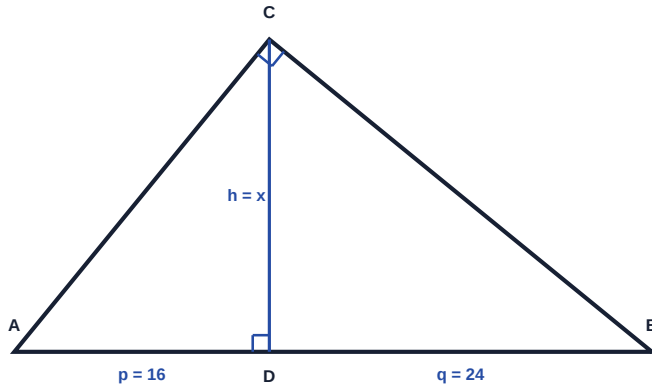


Similar Right Triangles

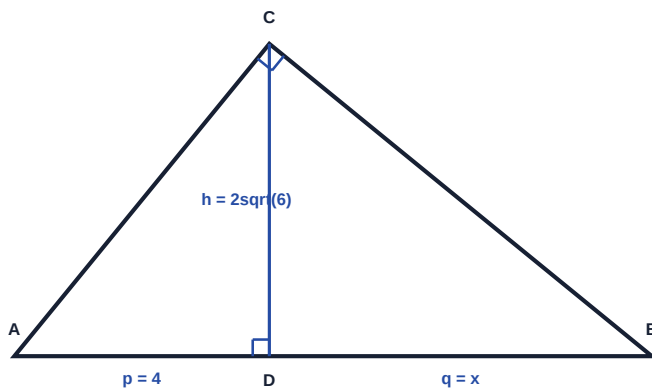
Use the altitude-to-hypotenuse relationships. Leave exact answers simplified; $\text{sqrt}(n)$ means the square root of n .

1. Find h .



$h =$

2. Find q .

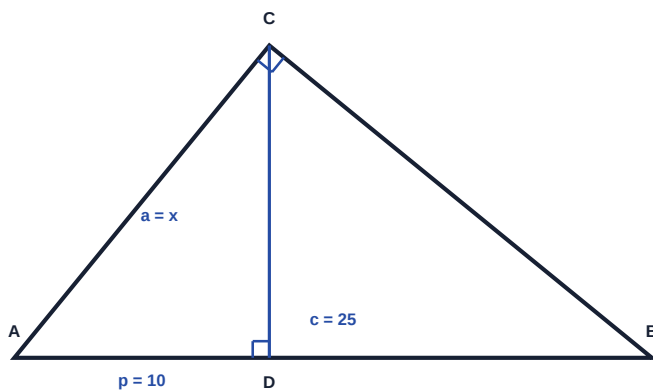


$q =$

Similar Right Triangles

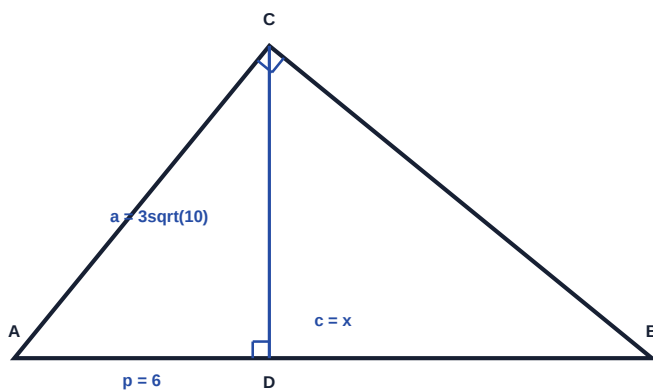
Use the altitude-to-hypotenuse relationships. Leave exact answers simplified; $\sqrt{n}$ means the square root of n .

3. Find a .



$a =$

4. Find the total hypotenuse c .

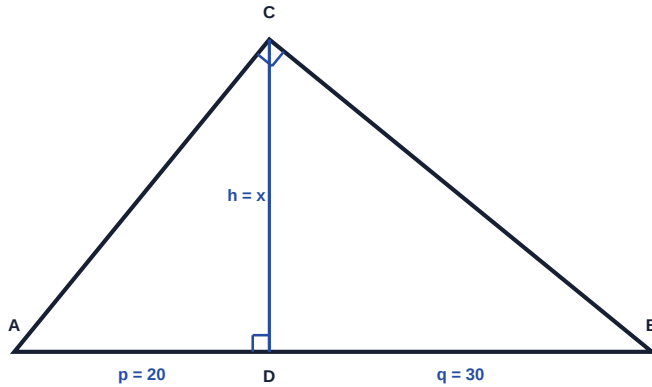


$c =$

Similar Right Triangles

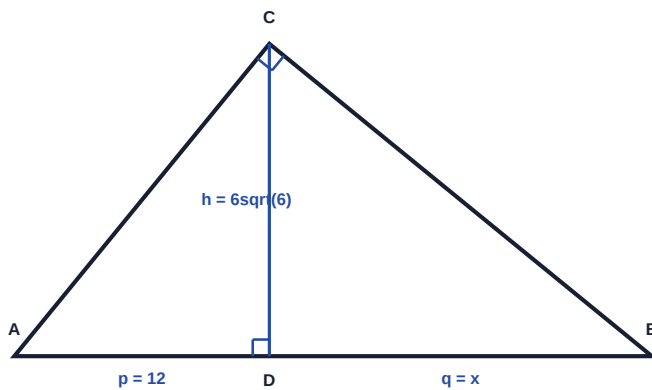
Use the altitude-to-hypotenuse relationships. Leave exact answers simplified; $\text{sqrt}(n)$ means the square root of n .

5. Find h .



$h =$

6. Find q .

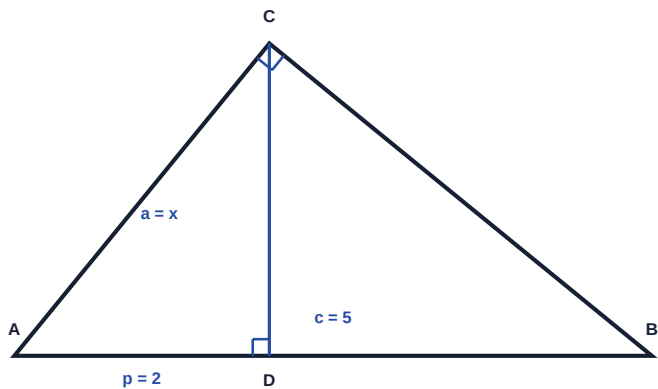


$q =$

Similar Right Triangles

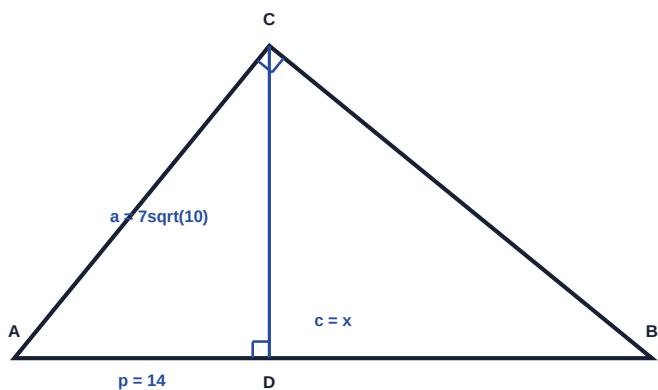
Use the altitude-to-hypotenuse relationships. Leave exact answers simplified; $\sqrt{n}$ means the square root of n .

7. Find a .



$a =$

8. Find the total hypotenuse c .



$c =$
