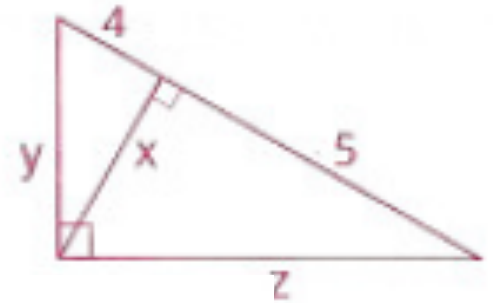


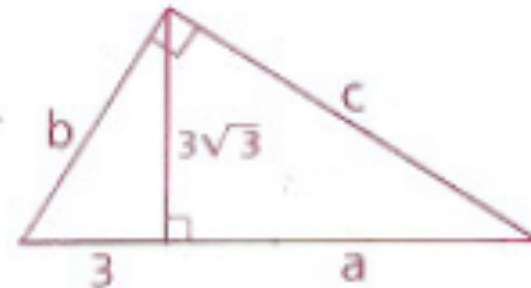
Homework

p.379: 2, 5, 6, 14, 17

- 2 a Find $2x$. b Find $\frac{1}{2}y$. c Find $z + 8$.

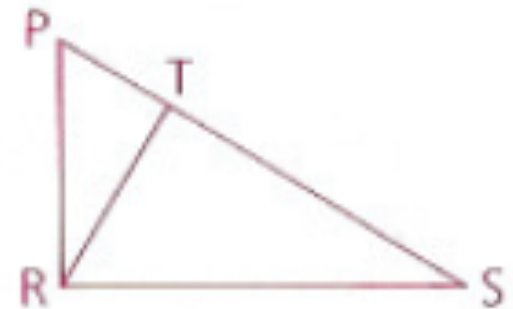


- 5 a Find a .
b Find ab .
c Find $a + b + c$.

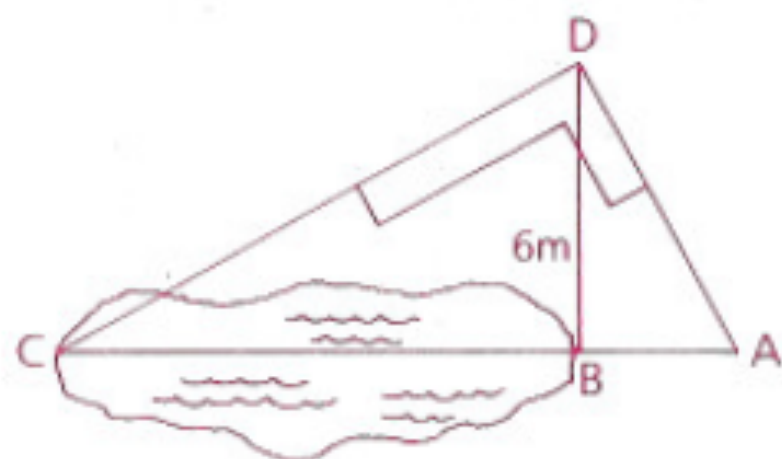


- 6 Given: \overline{RT} is an altitude. $\angle PRS$ is a right \angle .

Conclusion: $\frac{PR}{RS} = \frac{RT}{ST}$



- 14** As Slarpy stood at B, the foot of a 6-m pole, he asked Carpy how far it was across the pond from B to C. Carpy got his carpenter's square and climbed the pole. Using his lines of sight, he set up the figure shown. When Slarpy found that $AB = 3$ m, Carpy knew the answer. What was it?



- 17**
- a** If $AD = 7$ and $AB = 11$, find CD .
 - b** If $CD = 8$ and $AD = 6$, find AB .
 - c** If $AB = 12$ and $AD = 4$, find BC .
 - d** If $AC = 7$ and $AB = 12$, find BD .

