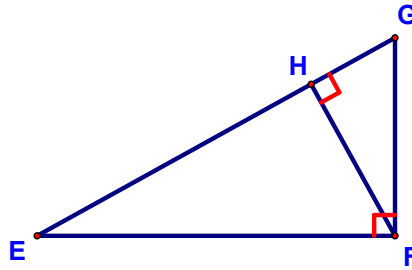1.

   a. If EH = 7 & HG = 3, find HF

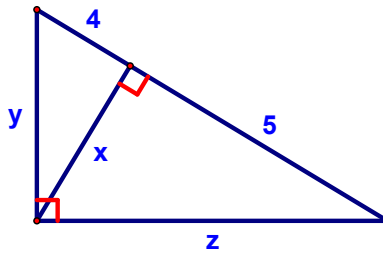   **b. If EH = 7 & HG = 4, find EF**

   c. If GF = 6 & EG = 9, find HG

2.

   a. Find 2x

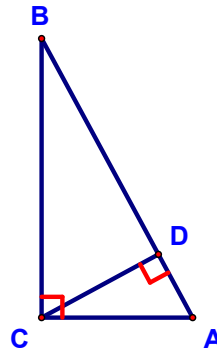   **b. Find $\frac{1}{2}y$**

   c. Find z + 8

3.

   a. If AD = 4 & BD = 9, find CD
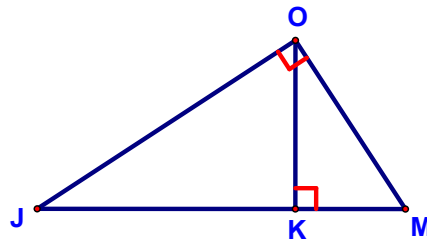
   b. If BD = 6 & AB = 8, find BC

   c. If BC = 8 & BD = 20, find AB
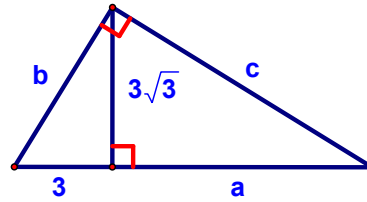
4.

   a. If JK = 12 & KM = 5, find OK

   b. If OK = $3\sqrt{5}$ & JK = 9, find KM

   c. If JO = $3\sqrt{2}$ & JK = 3, find JM
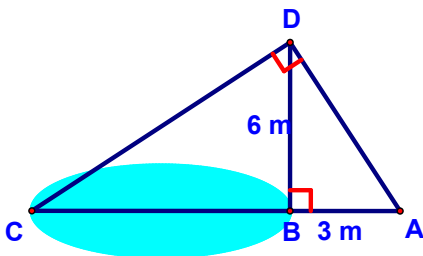
5.

   a. Find a
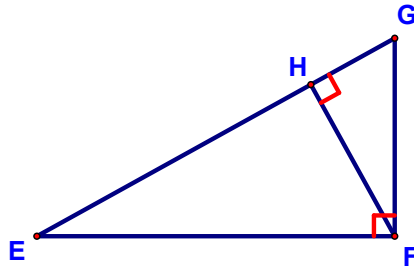
   b. Find ab

   c. Find a + b + c

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?

16.

a. If HG = 4 & EF = $3\sqrt{5}$, find EH

b. If GF = 6 & EH = 9, find EG

21.

Find BD