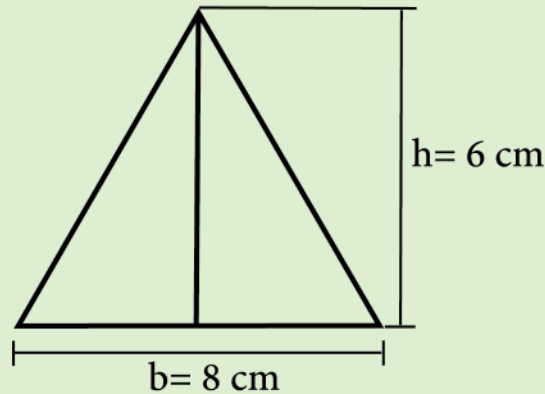
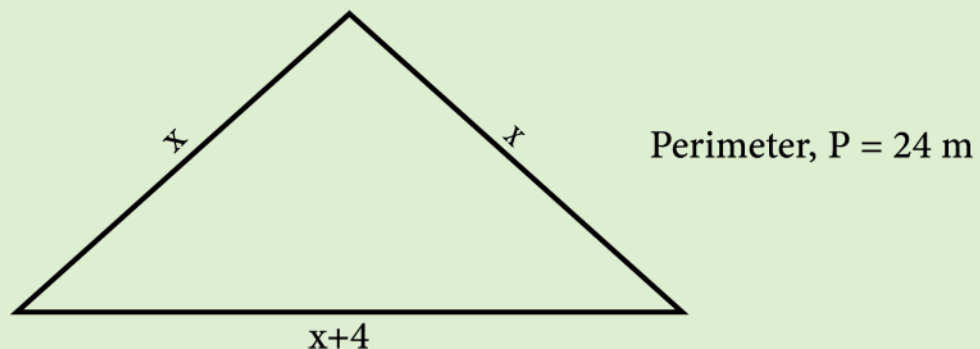


## Solve the following triangle area and perimeter word problems

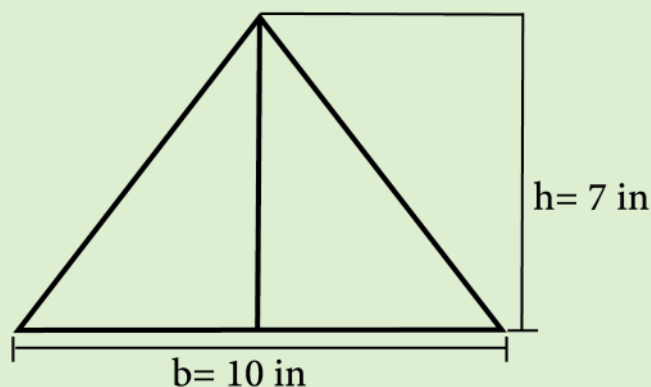
1. A triangle has a base of 8 centimeters and a height of 6 centimeters. What is the area of the triangle?



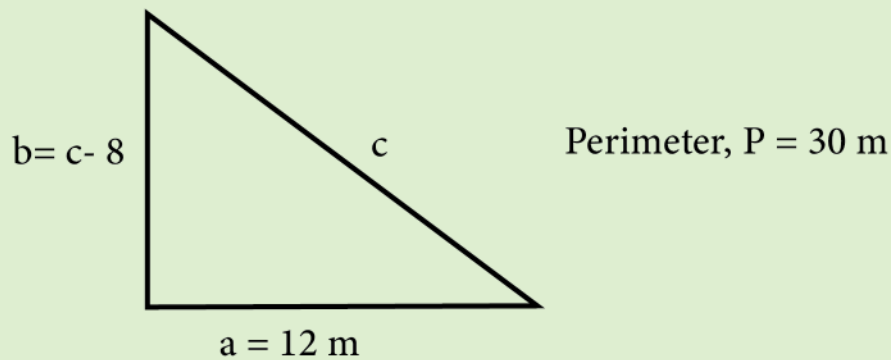
2. The perimeter of a triangle is 24 meters. If two sides are equal and the third side is 4 meters longer, what is the length of each side?



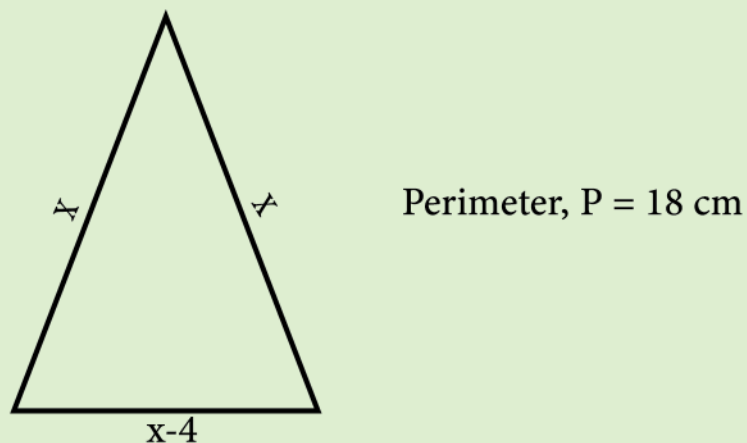
3. A triangle has a base of 10 inches and a height of 7 inches. What is the area of the triangle?



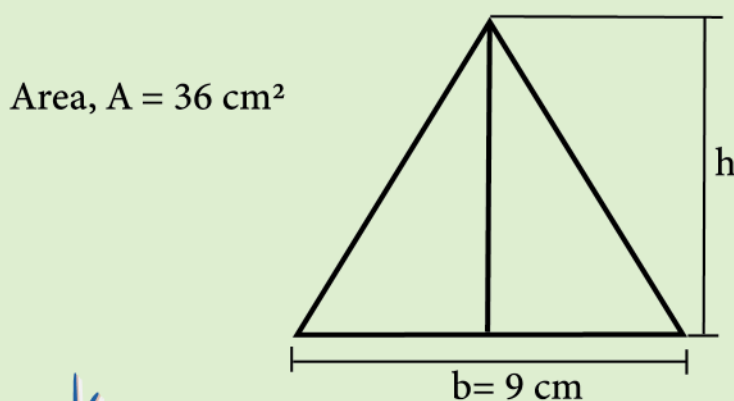
1. The perimeter of a right triangle is 30 meters and one leg is 12 meters. If the smaller leg is 8 meters less than the largest leg then what is the length of those two legs?



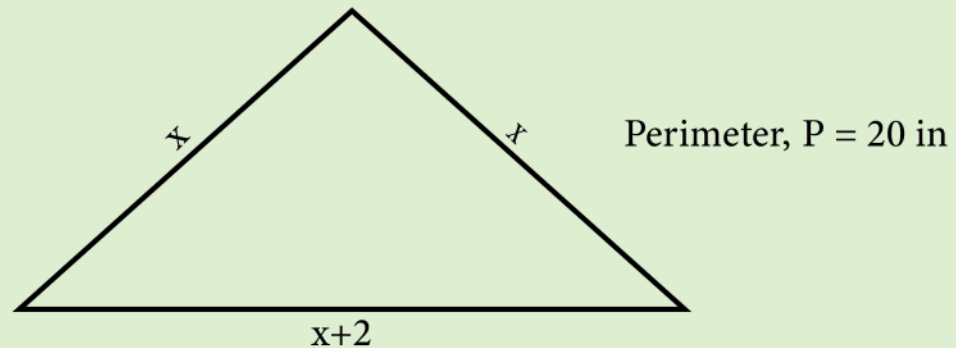
2. A triangle has a perimeter of 18 centimeters and two sides that are equal in length. If the length of the third side is 4 centimeters less than the length of the equal sides, what is the length of each side?



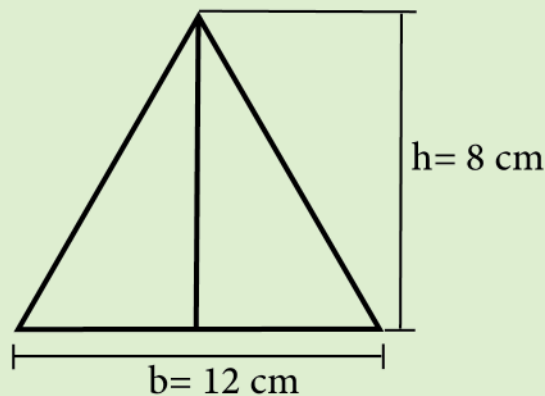
3. The area of a triangle is 36 square centimeters and the base is 9 centimeters. What is the height of the triangle?



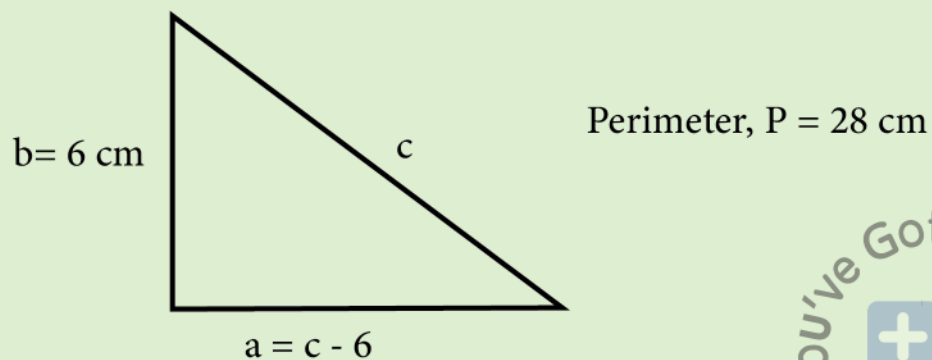
1. The perimeter of a triangle is 20 inches. Two sides are equal and the third side is 2 inches longer than each of the equal sides. What is the length of each side?



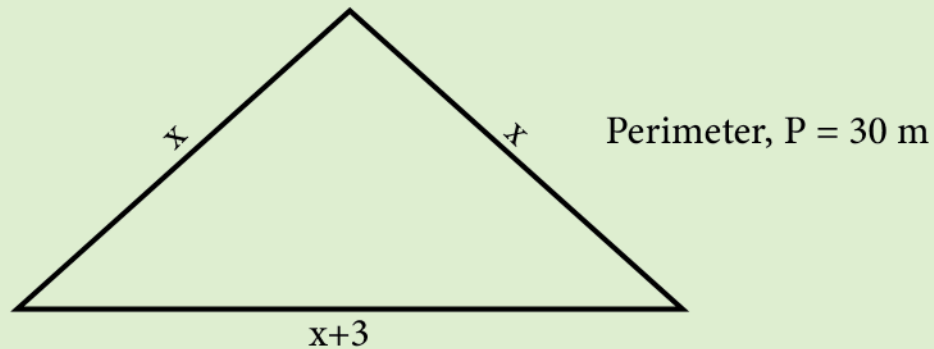
2. A triangle has a base of 12 centimeters and a height of 8 centimeters. What is the area of the triangle?



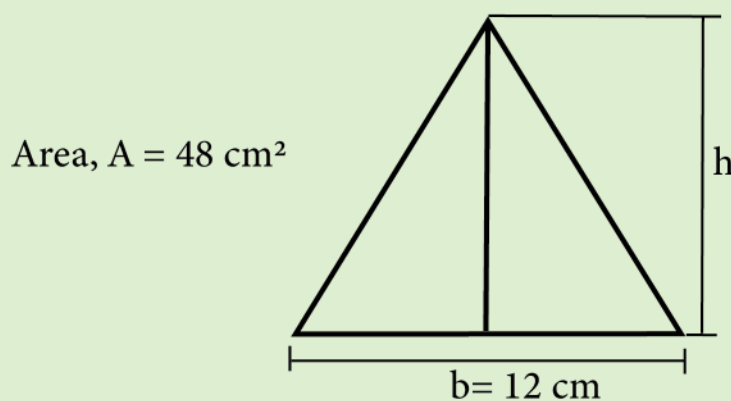
3. The perimeter of a right triangle is 28 centimeters and one leg is 6 centimeters. If the larger leg is 6 centimeters less than the largest leg then what is the length of those two legs?



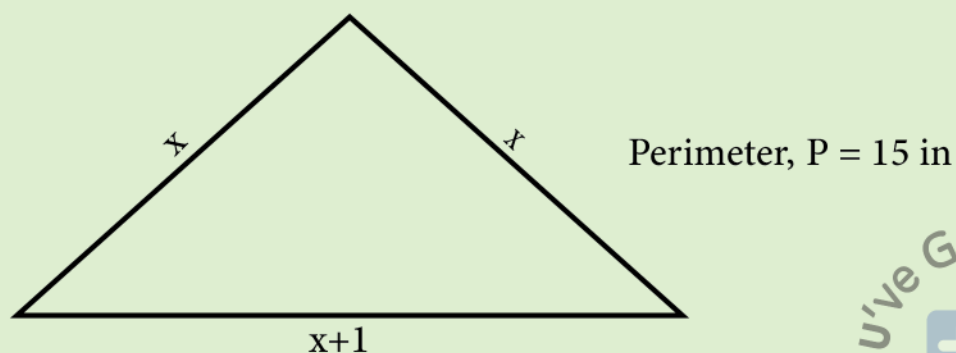
1. A triangle has a perimeter of 30 meters and two sides that are equal in length. If the length of the third side is 3 meters longer than the length of the equal sides, what is the length of each side?



2. The area of a triangle is 48 square centimeters and the base is 12 centimeters. What is the height of the triangle?



3. The perimeter of a triangle is 15 inches. Two sides are equal and the third side is 1 inch longer than each of the equal sides. What is the length of each side?



You've Got This Math

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