Rectangles

1. If a rectangle has a length that is 2 more than its width and the area of the rectangle is 15 ft^2, what is the perimeter of the rectangle?
2. A farmer wants to secure his garden from the deer that try to eat the plants by surrounding the garden in a 6ft fence. The long side of the garden is 32 ft long and the other 32 ft side is closed in by the barn that is adjacent to the garden. The other side of the garden is 26 ft wide. How many total feet of fencing does the farmer need in order to enclose the garden?
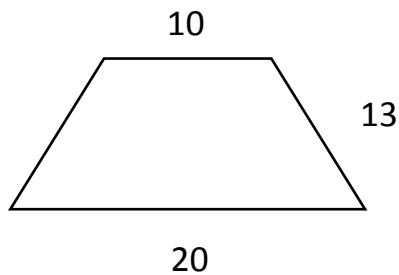
Squares

1. If a square has an area of 64ft^2 what is the perimeter of the square?
2. A square box has sides of length 7inches. What is the total surface area of the box?

Parallellograms

1. If one angle on a parallelogram is 54 degrees, what are the possible 3 other angles of the parallelogram
2. (Draw a parallelogram on a graph. Label one point on bottom left corner (1,-2) and one on top right corner. (6,3)) What is the area of the parallelogram?

Trapezoids

1. What is the area of the trapezoid below?

2. If a trapezoid has bases of size 7 and 11, and has a height of 8, what is the perimeter of that trapezoid?

Triangles

1. What is the area of the equilateral triangle below?