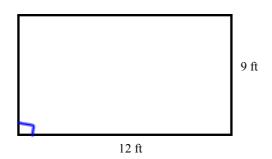
## Warm Up

- 1. Draw a convex pentagon.
- 2. Change 72 inches to feet.
- 3. Find the distance between (2, 3) and (-1, 4).

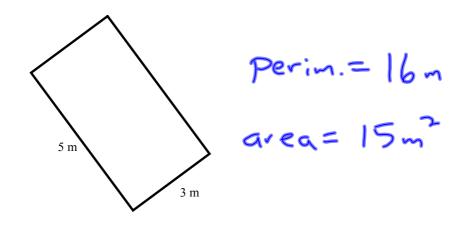
## 1-7 Perimeter, Circumference, and Area

Shape	Perimeter	Area
£	ZL+2~	2.~
5 h	9+6+6	<u>5.4</u>
r	77.d 27-r	TYr

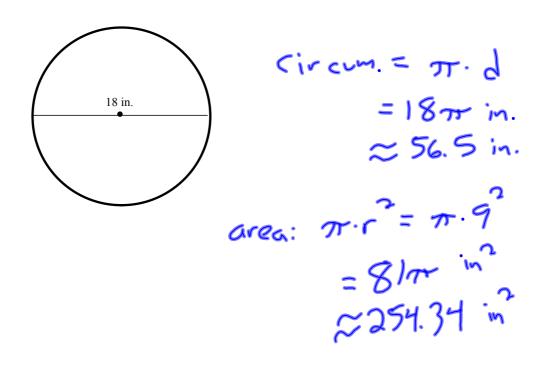
Ex 1 Find the perimeter and area of the room shown.



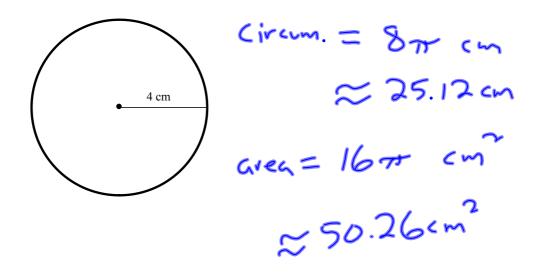
Ex 2 Find the perimeter and area of the room shown.



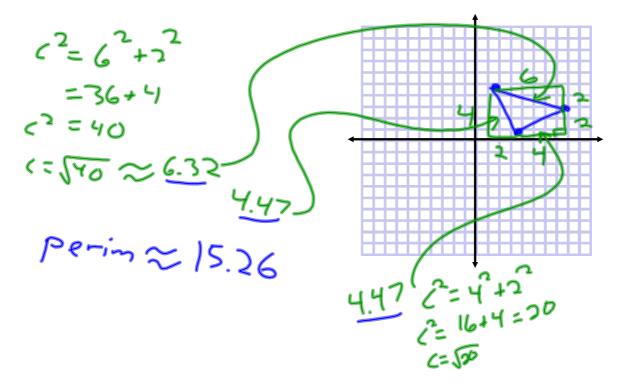
Ex 3 Find the circumference and area of the circle shown.



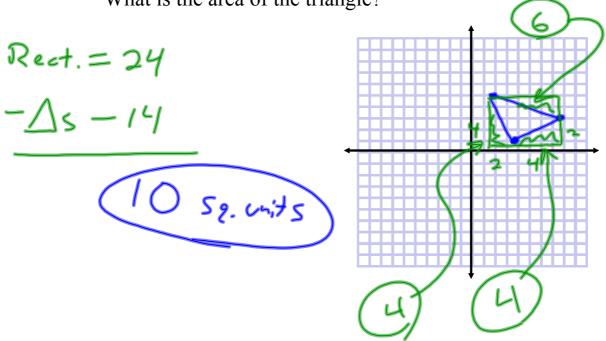
Ex 4 Find the circumference and area of the circle shown.



Ex 5 Triangle ABC has vertices A(2, 5), B(4, 1), and C(8, 3). What is the perimeter of the triangle?



Ex 6 Triangle ABC has vertices A(2, 5), B(4, 1), and C(8, 3). What is the area of the triangle?



Ex 7 The base of a triangle is 14 cm and the area is 42 cm<sup>2</sup>. What is the height?

Ex. 8 The area of a rectangle is 24 in<sup>2</sup> and its perimeter is 22 in. Find the length and width of the rectangle.