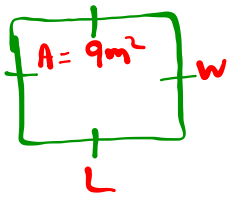
Warm Up

Oct. 30

1) If the area of a square is 9 m^2, what is the side length?



$A_{\square} = L \times w$ $\quad L = w$

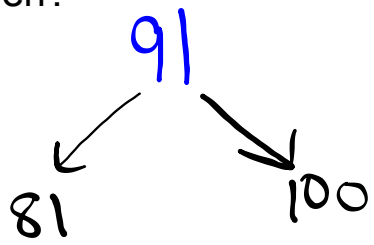
$9m^2 = L \times L$

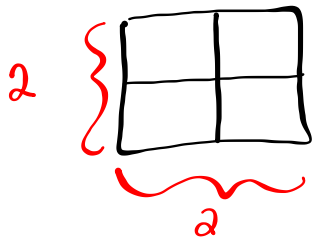
$3m \times 3m$

Side length = 3m

2) 91 is not a perfect square number but which two consecutive square numbers is it between?

$1^2 = 1$
$2^2 = 4$
$3^2 = 9$
$4^2 = 16$
$5^2 = 25$
$6^2 = 36$
$7^2 = 49$
$8^2 = 64$
$9^2 = 81$
$10^2 = 100$ ← 91
$11^2 = 121$
$12^2 = 144$
$13^2 = 169$
$14^2 = 196$
$15^2 = 225$





$A = L \times W$
$A = 2 \times 2$
$= 4 \text{ unit}^2$

1) 64 is the area of a 4 sided figure, Can it be a square

1×64  Rect

2×32  Rect

4×16  Rect

8×8  Square

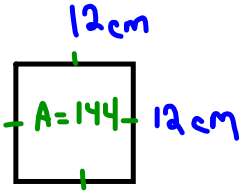
Yes

Class/Homework

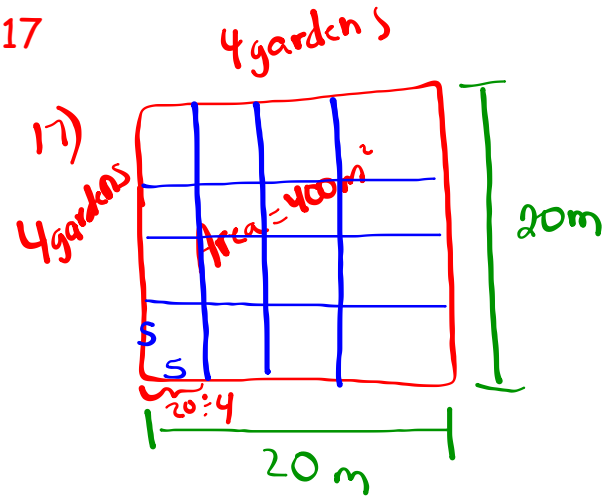
Page 8

4, #5, #6(don't use tiles sketch rectangles),
#9(Use graph paper),(if you don't have graph paper write out factors)
#10(a,b,c, d JUST sketch),
#11,
#12
#15
#16,
#17

10b)



17)



Area = 400m²
= 20 x 20