

Math 1015 - Fall2017 - August 22, 2017

Do these problems from your text:

1.1 1-12, 13ab.

Some are harder than others (3, 4, 6, 7, 8, 13b). Do the easier ones first. Do these problems below on this sheet of paper, and turn this sheet of paper in at the beginning of the next class.

Perform the operations then simplify.

1. Sketch a right triangle with sides of length 12, 13, and 5.

Solve for unknown side of a right triangle with lengths a , b , and c where c is the hypotenuse.

2. $a = 3$, $b = 9$

3. $b = 4$, $c = 15$

4. $a = 3.12$, $c = 11.68$

5. On the surface of The Earth, a car drove East for 25 miles, then South for 32 miles, then stopped. About how far is the stopped car from its starting point?