

Chapter 3 Review

TEST WEDNESDAY 9/17

Distribute

1) $-5(7m + 11)$

2) $6(3x - 3)$

Sep 14-12:37 PM

Sep 14-10:42 AM

3) A 16-oz can of soup costs \$3.20. What is the cost per ounce?

4) A motorcycle is driving at a speed of 45 mi/hr. What is the speed of the motorcycle in ft/min?

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Sep 14-12:29 PM

Solve the following proportions.
SHOW WORK

5) $\frac{2}{7} = \frac{8}{x}$

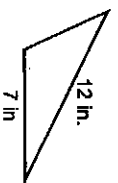
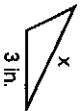
6) $\frac{x-2}{6} = \frac{3}{4}$

Sep 14-11:18 AM

Sep 14-12:32 PM

- 14) The pair of figures are similar. Find x .
Round to the nearest tenth if necessary.

Show all work.



Sep 14-12:49 PM

- 15) 40% of what number is 24?

- 16) What is 65% of 260?

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- 17) Find the **percent of change** in a pair of jeans marked down from \$50 to \$35. Describe the percent of change as an increase or decrease. Round to nearest tenth if necessary.

- 18) The book store sold 250 books during the first week of June. They sold 285 in the second week. Find the **percent of increase** in sales?

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Sep 14-1:33 PM

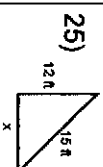
Find the square root of each number.

Round to nearest tenth if necessary.

- 19) 121
20) 196
21) 225
22) 400
23) 75
24) 222,222

Use Pythagorean Theorem to find x .

Round to nearest tenth if necessary.



Sep 14-1:40 PM

Sep 14-1:43 PM