Name	Date
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## Review



1. Write 91% as a decimal.

0.91

2. Write the decimal 0.33 as a percent.

33%

3. Write  $\frac{11}{20}$  as a percent.  $| | \frac{1}{20} =$ 

0.55 (55%

4. What percent of 75 is 9 is  $975 = \frac{2}{100} \times 12\%$ 

5. What number is 28% of 25?

6. (35%) of what number is 35)

8. (48 is 32%) of what number?

Find the percent of decrease or increase. Round to the nearest tenth of a percent.

9. percent of increase from 43 to 78

10. percent of decrease from 30 to 22 30-22=8

78-43=35

\$ = 0.26 11. You estimate that there are 40 marbles in a jar. The actual amount is 48 marbles. Find the percent error. Round to the nearest tenth of a percent.

$$\frac{48-40}{48} = 0.16 \quad (6.6\%)$$

12. Find the sale price of a \$70 item after a 20% discount.

70:0.2=14

70-14型56

13. Find the original price of a salt lamp that is \$92 after a 20% discount.

100-20 = 80%

92 = 80 (X=115

Name Date	
Chapter 5 (continued)	
14. Find the selling price of a \$30 item after a 40% markup.  30 • 0 - 4 = 12 30 + 12 \$42	
15. You deposit \$900 in a savings account. The account earns 4% simple I = Pr + interest per year.	
a. What is the interest earned after 8 years? I = 900 • 0.04 • 8 = 288	
b. What is the balance after 8 years?  add! 900 + 288 = \$1188	
16. You deposit \$200 in an account. The account earns \$15 simple interest in 3 years. What is the annual interest rate?  I = Pr + 15 = 200 = r = 3	
in interest at a simple annual interest rate of 5%?	
18. 80% of a number is x. What is 100% of the number? Assume $x > 0$ .	
Account A has a simple annual interest rate of 3% and account B has a simple annual interest rate of 3.5%. How much more interest do you earn per year when you deposit x dollars in account B instead of account A?	
<b>20.</b> Order the numbers $71.2\%$ , $\frac{3}{4}$ , and $0.742$ from least to greatest.	
21. Identify the percent of change from $\frac{2}{5}$ to $\frac{5}{15}$ as an increase or a decrease.	)
Then find the percent of change. Round to the nearest tenth of a percent.	
decrease ===================================	
21. Identify the percent of change from $\frac{2}{5}$ to $\frac{5}{15}$ as an increase or a decrease.  Then find the percent of change. Round to the nearest tenth of a percent.  OF CYCUSE  3.5% occupied. The ratio of the occupancy of Shelter A to Shelter B is 35% occupied. The ratio of the occupancy of Shelter A to Shelter B is 2:5.  How many beds are in Shelter B?	>
300 0 1 2 2 10 6 3 2 7 5	
210.2.5=525 occupied 15	
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Florida Grade 7 Assessment Book  525 is 35% of what All rights reserved.  525 = 35  X = 1500 beds	