

## Unit 4 Test - REVIEW WKST

*Write each ratio as a fraction in simplest form. (1 Point Each)*

1 40 IU fans to 14 Purdue fans

2 4 classrooms to 128 desks

*Write each rate as a unit rate. (1 Point Each)*

3 210 miles in 5 hours

\_\_\_\_\_ mph

4 \$107.69 in 11 hours

\$\_\_\_\_\_ per hour

*Solve each proportion. (1 Point Each)*

5  $\frac{6}{2} = \frac{9}{y}$

6  $\frac{c}{3} = \frac{10}{6}$

**Estimate. (1 Point Each)**

7 31.7% of 111.5

8 79.56% of 38.251

*Find each number. Round to the nearest tenth. (1 Point Each)*

9 73.2% of 112

10 119% of 54

11 What percent of 94 is 21?

12 What number is 17% of 39?

13 132 is 57% of what number?

*Find the total cost. (1 Point Each)*

- 14 A silver watch costs \$87.88. What is the total cost with 7% sales tax?



- 15 The cost of a digital camera is \$197.21. What is the cost if there is a 28% discount?



*Calculate the interest earned. (2 Points Each)*

- 16 Jerry invests \$910 in a C.D. at Old National Bank. The rate is 3.1%, and the money is going to be invested for 9 years. How much interest is earned?

*Find the percent of change. (2 Points Each)*

- 17 The number of students that went to the school Halloween dance in 2014 was 192. In 2015, 245 students went to the dance. What is the percent of change? Round to the nearest tenth percent.

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**Answer Section**

- 1 20/7
- 2 1/32
- 3 42
- 4 9.79
- 5 3
- 6 5
- 7 33
- 8 32
- 9 82
- 10 64.3
- 11 22.3
- 12 6.6
- 13 231.6
- 14 94.03
- 15 141.99
- 16 253.89
- 17 27.6%