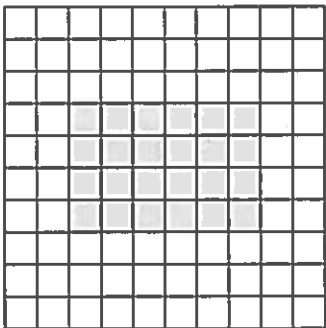


**Unit 5 - Assignment 5.1****Multiple Choice***Identify the choice that best completes the statement or answers the question.*

- \_\_\_\_\_ 1. Write 9% as a decimal.  
a. 0.09                      b. 0.9                      c. 9                      d. 0.009
- \_\_\_\_\_ 2. Write 76% as a decimal.  
a. 7.6                      b. 0.76                      c. 0.076                      d. 76
- \_\_\_\_\_ 3. Write  $\frac{4}{5}$  as a percent.  
a. 20%                      b. 800%                      c. 80%                      d. 200%
- \_\_\_\_\_ 4. Write  $\frac{6}{25}$  as a percent.  
a. 18%                      b. 4%                      c. 12%                      d. 24%
- \_\_\_\_\_ 5. Write 0.72 as a percent.  
a. 7.2%                      b. 0.72%                      c. 72%                      d. 0.072%
- \_\_\_\_\_ 6. Write 0.38 as a percent.  
a. 3.8%                      b. 38%                      c. 0.038%                      d. 0.38%
- \_\_\_\_\_ 7. The hundred chart represents 100%. What fraction of the chart is shaded?  
Write the fraction as a percent.



- a.  $\frac{6}{25}$ ; 24%                      b.  $\frac{6}{19}$ ; 31.6%                      c.  $\frac{19}{25}$ ; 76%                      d.  $\frac{1}{5}$ ; 20%
- \_\_\_\_\_ 8. Write the shaded part of the diagram as a fraction and as a percent.



- a.  $\frac{5}{24}$ ; 20.8%                      b.  $\frac{5}{8}$ ; 62.5%                      c.  $\frac{5}{8}$ ; 20.8%                      d.  $\frac{5}{12}$ ; 6.3%

Name: \_\_\_\_\_

ID: A

**Problem**

16. Write the numbers in order from least to greatest.

$$\frac{7}{20}, 0.38, \frac{9}{25}, 32\%$$

Explain your strategy.

12. ANS:  
0.075; 7.5%
- PTS: 1                      DIF: Moderate                      REF: 5.1 Relating Fractions, Decimals, and Percents  
LOC: 8.N3                      TOP: Number                      KEY: Conceptual Understanding
13. ANS:  
Rocky has read 50% of the books on the list.
- PTS: 1                      DIF: Moderate                      REF: 5.1 Relating Fractions, Decimals, and Percents  
LOC: 8.N3                      TOP: Number                      KEY: Conceptual Understanding
14. ANS:  
0.608, 0.639, 0.783, 0.853, and 0.915
- PTS: 1                      DIF: Moderate                      REF: 5.1 Relating Fractions, Decimals, and Percents  
LOC: 8.N3                      TOP: Number                      KEY: Conceptual Understanding | Problem-solving Skills
15. ANS:  
No, Abel cannot colour more than 100% of a hundred chart.  
 $25\% + 36\% + 13\% + 31\% = 105\%$
- PTS: 1                      DIF: Moderate                      REF: 5.1 Relating Fractions, Decimals, and Percents  
LOC: 8.N3                      TOP: Number                      KEY: Conceptual Understanding | Communication

**PROBLEM**

16. ANS:  
Write all numbers as percents.
- $$\frac{7}{20} = 0.35 = 35\%$$
- $$0.38 = \frac{38}{100} = 38\%$$
- $$\frac{9}{25} = 0.36 = 36\%$$
- From least to greatest: 32%,  $\frac{7}{20}$ ,  $\frac{9}{25}$ , 0.38
- PTS: 1                      DIF: Difficult                      REF: 5.1 Relating Fractions, Decimals, and Percents  
LOC: 8.N3                      TOP: Number                      KEY: Communication | Problem-solving Skills