Converting Fractions to Decimals (Rounding)

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Write the fraction in decimal notation.

1) $\frac{3}{8}$ 1) _____

A) 0.375 B) 0.465 C) 0.365 D) 0.265

2) $\frac{11}{40}$ 2) _____

A) 0.285 B) 0.175 C) 0.275 D) 0.235

3) $\frac{21}{25}$ 3) _____

A) 0.64 B) 0.76 C) 0.9 D) 0.84

Write as a decimal number rounded as indicated.

4) $\frac{7}{15}$; Round to the nearest hundredth. 4) _____

A) 0.67 B) 0.44 C) 0.48 D) 0.47

5) $\frac{2}{11}$; Round to the nearest thousandth. 5) _____

A) 0.182 B) 0.183 C) 0.181 D) 0.184

6) $\frac{13}{15}$; Round to the nearest thousandth. 6) _____

A) 0.868 B) 0.867 C) 0.667 D) 0.864

Solve the problem.

7) A restaurant bill of $84.17 was shared equally by 5 people. How much was each person's share? Round your answer to the nearest cent. 7) _____

A) $17.94 B) $16.83 C) $17.83 D) $16.94

Use a proportion to solve the problem.

8) A quality-control inspector examined 270 calculators and found 6 of them to be defective. At this rate, how many defective calculators will there be in a batch of 14,850 calculators? 8) _____

A) 330 calculators B) 9 calculators

C) 55 calculators D) 1620 calculators

Solve the problem.

9) June has a strip of paper 39 inches long. She wants to cut it into strips that are 6.5 inches long. How many 6.5-inch strips will she get from the paper? 9) _____

A) 6 pieces B) 5 pieces C) 60 pieces D) 7 pieces

Answer Key
Testname: CONVERTING FRACTIONS TO DECIMALS (ROUNDING)

1) A
2) C
3) D
4) D
5) A
6) B
7) B
8) A
9) A