

Grade 6 Fractions & Percents Unit Test

Name _____ Date _____ Score _____ / 16

Part A · Fractions

Add, subtract, multiply or divide. Simplify each answer. Write improper fractions as mixed numbers.

01 $\frac{3}{4} + \frac{1}{12} =$ _____

02 $6 \div \frac{1}{10} =$ _____

03 $\frac{1}{5} \times 6 =$ _____

04 $\frac{4}{6} - \frac{4}{7} =$ _____

Part B · Decimals

05 $83.459 + 78.651 =$ _____

06 $90.961 - 18.091 =$ _____

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Part B • Decimals (continued)

07 $92.329 - 31.117 =$ _____

08 $95.124 + 54.443 =$ _____

Part C • Percentages

09 50% of 18 = _____

10 25% of 52 = _____

11 10% of 50 = _____

12 25% of 44 = _____

Part D • Fraction • Decimal • Percent

13 12.5% as a decimal = _____

14 12.5% as a fraction = _____

15 25% as a decimal = _____

16 $\frac{5}{8}$ as a decimal = _____

Grade 6 Fractions & Percents Unit Test (Answer Key)

Part A • Fractions

Add, subtract, multiply or divide. Simplify each answer. Write improper fractions as mixed numbers.

01 $\frac{3}{4} + \frac{1}{12} = \frac{5}{6}$

02 $6 \div \frac{1}{10} = 60$

03 $\frac{1}{5} \times 6 = 1\frac{1}{5}$

04 $\frac{4}{6} - \frac{4}{7} = \frac{2}{21}$

Part B • Decimals

05 $83.459 + 78.651 = 162.110$

06 $90.961 - 18.091 = 72.870$

07 $92.329 - 31.117 = 61.212$

08 $95.124 + 54.443 = 149.567$

Part C • Percentages

09 50% of 18 = 9

10 25% of 52 = 13

11 10% of 50 = 5

12 25% of 44 = 11

Part D • Fraction • Decimal • Percent

13 12.5% as a decimal = 0.125

14 12.5% as a fraction = $\frac{1}{8}$

15 25% as a decimal = 0.25

16 $\frac{5}{8}$ as a decimal = 0.625