Factoring Out a Common Factor

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.NSO.3.2 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. Fill in: 18 + 27 = 9(___ + ___)

2. Rewrite 40 + 56 using the GCF.

3. Rewrite 32 + 80 using the common factor 16.

4. Rewrite 28 + 42 in two different ways.

5. Is 45 + 75 = 15(3 + 5) true? Explain.

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Answer Key

1. 9(2 + 3)

18 ÷ 9 = 2 and 27 ÷ 9 = 3

2. 8(5 + 7)

8 × 12 = 96 = 40 + 56

3. 16(2 + 5)

4. 7(4 + 6) and 14(2 + 3)

2(14 + 21) is also correct.

5. Yes

15 × 3 = 45 and 15 × 5 = 75.

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