Greatest Common Factor and Least Common Multiple

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.NSO.3.1 | STUDENT WORKSHEET

Name: _____ **Date:** _____

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

1. Find the GCF of 18 and 30.

2. Find the LCM of 9 and 12.

3. Find the GCF of 84 and 126.

4. Use the GCF to simplify $\frac{24}{40}$.

5. Bus A comes every 15 minutes and Bus B every 20 minutes. Both are here now. In how many minutes will they both be here again?

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Answer Key

1. **6**

2. **36**

3. **42**

84 = 2 × 42 and 126 = 3 × 42

4. $\frac{3}{5}$

The GCF of 24 and 40 is 8.

5. **60 minutes**

The LCM of 15 and 20 is 60.

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