Quiz 2 Review

1. What is a factor?

2. List the factors of 16, 40, 88.

16:

40:

88:

3. Find the GCF of 16, 40, 88.

4. How do you simplify a fraction?

5. Simplify the fraction $\frac{24}{56}$

6. Simplify the fraction $\frac{36}{84}$

7. What are the 3 ways to find the Least Common Multiple?

 1.

 2.

 3.

8. Use a list to find the least common multiple of 3, 8, 12.

 3:

 8:

 12:

9. Use prime factorization to find the LCM of 27 and 18.

 27 18

10. What must you have to add fractions?

11. Add the fractions $\frac{2}{11}$ + $\frac{2}{3}$ and simplify your answer.

12. Add the fractions $\frac{4}{9}$ + $\frac{5}{6} $ and simplify your answer.

13. Add the mixed numbers $12\frac{1}{4}$ + $5\frac{1}{12}$ and simplify your answer.

14. Add the mixed numbers $3\frac{2}{5}$ + $1\frac{1}{3}$ and simplify your answer.

15. Subtract the fractions $\frac{5}{12}$ - $\frac{1}{6} $ and simplify your answer.

 Step 1: Find a common denominator…

 Step 2: Subtract your numerators…

 Step 3: Simplify your answer…

16. Subtract the mixed numbers $3\frac{2}{5}$ - $1\frac{1}{3}$ and simplify your answer.

 Step 1: Change mixed numbers to improper fractions…

 Step 2: Find a common denominator and subtract improper fractions…

 Step 3: Switch answer back to a mixed number and simplify…