Name: _____ Period: _____ Date: _____

Adding and Subtracting Fractions Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. **Which of these cannot be written as a fraction?**

   a. 1.5
   b. 0.554
   c. $\sqrt{3}$
   d. None of these

2. **If the denominators of all the fractions in a sum or difference are same, which of these methods can be useful in quickly solving the sum or difference?**

   a. Recursive math
   b. Mental math
   c. Statistical math
   d. None of these

3. **If the denominators of all the fractions to be added or subtracted are different, which of these methods can be useful in solving the sum or difference?**

   a. HCF
   b. GCF
   c. LCM
   d. None of these

4. **The sum of $\frac{3}{2}$ and $\frac{14}{5}$ is:**

   a. $\frac{43}{10}$
   b. $\frac{17}{10}$
   c. $\frac{17}{5}$
   d. None of these

Part B Instructions: Answer the question below.

5. **Find the sum $\frac{n}{3}+\frac{n}{5}$.**

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Answers

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Part B Instructions: Answer the question below.

5. **Find the sum $\frac{n}{3}+\frac{n}{5}$.**

   LCM of 3 and 5 is $3 \times 5 = 15$.

   $$\frac{n}{3}+\frac{n}{5}=\frac{n(5)+n(3)}{15}$$

   $$\frac{5n+3n}{15}=\frac{8n}{15}$$

   $$\frac{n}{3}+\frac{n}{5}=\frac{8n}{15}$$