

## CITIUS

## Fractions, Factors, and Multiples

WORKSHEET 2

| Theme      | Fractions, Factors, and Multiples  |
|------------|--|
| Question 1 | What should be added to $\frac{5}{8}$ to make it 1?  • $\frac{5}{8}$ • $\frac{8}{5}$ • $\frac{3}{8}$ • $\frac{5}{5}$                                 |
| Question 2 | <ul> <li>\$\frac{5}{5}\$</li> <li>What fraction of 100 is 25?</li> <li>One-half</li> <li>One-third</li> <li>One-fourth</li> <li>One-fifth</li> </ul> |

| Question 3 | $\left  \frac{13}{9} - \frac{6}{9} + \frac{2}{9} \right  = \underline{\hspace{1cm}}$   |
|------------|--|
|            | • 0  |
|            | • 7  |
|            | 9  |
|            | $ \begin{array}{c} \bullet  \frac{7}{9} \\ \bullet  \frac{8}{9} \end{array} $  |
|            | • 1  |
| Question 4 | John covered one-third of the journey on foot and two-third of the journey by taxi. What fraction of the journey is yet to be covered? |
|            | • 0  |
|            | One-third  |
|            | Three-fifth  |
|            | • 1  |
| Question 5 | What should be the numerator of 6 to make it   |
|            | equivalent to $\frac{4}{12}$ ?   |
|            | • 1  |
|            | • 2  |
|            | • 3  |
|            | • 4  |
| Question 6 | What is the lowest multiple of 4 which is divisible by 16?   |
|            | • 4  |
|            | • 8  |
|            | • 16   |
|            | • 32   |

| Question 7  | Besides 1, which factor of 24 is also a factor of 44?          |
|-------------|--|
|             | • 3  |
|             | • 4  |
|             | • 6  |
|             | • 8  |
| Question 8  | What is the greatest common divisor of 33 and 35?              |
|             | • 1  |
|             | • 3  |
|             | • 33   |
|             | • 35   |
| Question 9  | What is the least common multiple of 12 and 24?                |
|             | • 1  |
|             | • 12   |
|             | • 24   |
|             | • 48   |
| Question 10 | What is the remainder when the LCM of 2 and 3 is divided by 6? |
|             | • 0  |
|             | • 1  |
|             | • 2  |
|             | • 3  |

## Answers

| Answer 1  | $\frac{3}{8}$ |
|-----------|---------------|
| Answer 2  | One-fourth    |
| Answer 3  | 1             |
| Answer 4  | 0             |
| Answer 5  | 2             |
| Answer 6  | 16            |
| Answer 7  | 4             |
| Answer 8  | 1             |
| Answer 9  | 24            |
| Answer 10 | 0             |