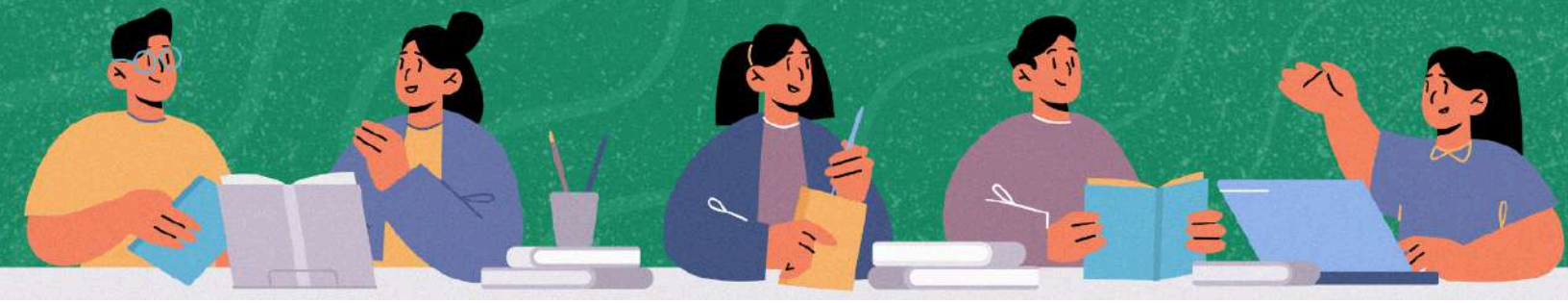


WORKSHEET

Rate with Fractions



WORKSHEET

Rate with Fractions

Problem 1: A car travels $\frac{5}{6}$ of a mile in $\frac{1}{3}$ of an hour. What is the speed of the car in miles per hour?

Problem 2: A baker uses $\frac{2}{5}$ of a cup of sugar for every $\frac{1}{4}$ of a cake. How much sugar is used per whole cake?

Problem 3: A runner completes $\frac{7}{8}$ of a mile in $\frac{3}{4}$ of an hour. What is the runner's speed in miles per hour?

Problem 4: A painter finishes $\frac{2}{3}$ of a wall in $\frac{5}{6}$ of an hour. What is the painter's rate of work in walls per hour?

Problem 5: A student reads $\frac{3}{4}$ of a book in $\frac{1}{2}$ of an hour. How many books will the student read in one hour?

Answer Key

Real World Math Problems

1. 2.5 miles per hour
2. $\frac{8}{5}$ cups (or 1.6 cups)
3. $\frac{7}{6}$ miles per hour (or approximately 1.17 miles per hour)
4. $\frac{4}{5}$ walls per hour
5. 1.5 books per hour

