

# Two Step Equation Word Problems for Integers

1. In a basketball game, Sam scored  $\frac{3}{5}$  of the total points. If he scored 24 points, how many points were scored in total?

Ans: \_\_\_\_\_

2. A recipe calls for  $\frac{3}{4}$  cup of sugar to make 12 cookies. How much sugar is needed to make 30 cookies?

Ans: \_\_\_\_\_

3. A boat travels downstream at  $\frac{5}{6}$  of its speed upstream. If it takes 4 hours to go downstream, how long will it take to go upstream?

Ans: \_\_\_\_\_

4. Lisa can mow  $\frac{2}{3}$  of the lawn in 1 hour. How long will it take to mow the entire lawn alone?

Ans: \_\_\_\_\_

5. A company pays its workers  $\frac{3}{8}$  of their monthly salary every week. If a worker earns \$640 per month, how much do they receive weekly?

Ans: \_\_\_\_\_

6. The sum of two fractions is  $\frac{7}{12}$ , and one fraction is  $\frac{1}{6}$ . Find the other fraction.

Ans: \_\_\_\_\_

7. A pool is being filled with water at  $\frac{3}{4}$  gallon per minute. If it takes 20 minutes to fill  $\frac{5}{6}$  of the pool, how much can the pool hold?

Ans: \_\_\_\_\_

8. James spent  $\frac{2}{3}$  of his money on a bike and has \$80 left. How much money did he have initially?

Ans: \_\_\_\_\_

9. A painter can paint  $\frac{5}{6}$  of a wall in 3 hours. How long will it take to paint the entire wall alone?

Ans: \_\_\_\_\_

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10. In a bakery,  $\frac{4}{5}$  of the muffins were sold on the first day. If 36 muffins were left, how many were there initially

Ans: \_\_\_\_\_