Two Step Equation Fraction Word Problems

1. Sarah bought a dress on sale for 30% off its original price. If she paid $42, what was the original price?

Ans: _____

2. A car travels 240.5 miles on 10.5 gallons of gas. How far can it travel on 1 gallon of gas?

Ans: _____

3. The total cost of a dinner for 4 people is $87.60. If they split the bill equally, how much does each person pay?

Ans: _____

4. A smartphone's battery is charged at a rate of 0.8% per minute. If it starts at 10% battery life, how long will it take to be fully charged?

Ans: _____

5. A rectangular garden is 8.75 meters long. If its width is 3.25 meters less than its length, what is the width of the garden?

Ans: _____

6. A company produced 450.25 kilograms of paper in a day. If they package it into 5.5-kilogram bundles, how many bundles are there?

Ans: _____

7. Tim invested $3000 in a savings account that earns 4.5% annual interest. How much money will he have after one year?

Ans: _____

8. A bakery sells cakes at $15.75 each. If they made a total of $315 from selling cakes, how many cakes did they sell?

Ans: _____

9. A contractor completed 75.6% of a construction project. If there are 284 units to be built, how many units are left?

Ans: _____

10. Maria spent 60% of her monthly salary and had $460 left. What is her monthly salary?

Ans: _____