

Divide:

$$(2.5) \quad \frac{1}{2} + 8 \div \frac{4}{9} =$$

$$(1.1) \quad 3 \div \frac{1}{2} =$$

$$(1.2) \quad 4 \div \frac{1}{3} =$$

$$(1.3) \quad 7 \div \frac{1}{6} =$$

$$(1.4) \quad \frac{2}{5} \div 4 =$$

$$(1.5) \quad \frac{3}{4} \div 2 =$$

$$(1.6) \quad \frac{5}{8} \div \frac{1}{4} =$$

$$(1.7) \quad \frac{4}{9} \div \frac{2}{3} =$$

$$(1.8) \quad \frac{4}{9} \div 2 \div \frac{1}{6} =$$

$$(1.9) \quad 7 \div 2 \times \frac{2}{7} =$$

$$(1.10) \quad \frac{3}{8} \div \frac{3}{4} \times \frac{2}{5} =$$

Simplify:

$$(2.1) \quad \frac{3}{4} - \frac{3}{8} + \frac{1}{2} =$$

$$(2.2) \quad \frac{3}{8} + \frac{2}{3} - \frac{1}{4} =$$

$$(2.3) \quad 5 - \frac{2}{3} \div \frac{1}{6} =$$

$$(2.4) \quad 3 + 4 \times \frac{5}{8} =$$

Draw a model diagram then solve.

1. A shopkeeper had 150 pounds of rice. He sold $\frac{2}{5}$ of it. How much did he sell?
2. The shopkeeper packed the remainder into 5 bags equally. What was the weight of the rice in each bag?
3. Peter had 400 stamps. $\frac{5}{8}$ of them are U.S. stamps and the rest are Canadian stamps. How many of the stamps are U.S.? How many are Canadian?
4. Kyle gave $\frac{2}{5}$ of his money to his wife. Kyle gave \$130 to his wife. How much money did Kyle have to begin? How much money did he have left?
5. $\frac{2}{3}$ of the beads in a box are red, $\frac{1}{4}$ are yellow and the rest are blue. There are 48 beads. How many of each color are there?
6. Lucy spent $\frac{3}{5}$ of her money on a dress. She spent the rest of the money on a handbag and a belt. The handbag cost the same as the belt. The dress cost \$93. How much money did she have at first? How much was the handbag and the belt?
7. Gary spent \$48 on a watch. He spent the remaining $\frac{2}{3}$ of all of his money on a bicycle. How much was the bicycle? How much did he have to begin?

