

## Two-Step Multiplication Division – Word Problems

1. The community council is replanting 8 flower boxes. Each flower box holds 24 tulips. If the tulips come in packs of 6, how many packs of tulips are needed altogether?
2. A café has 10 apple pies, and each pie is cut into 6 equal pieces. Each piece sells for \$1.50. How much money will the café earn if all the pieces are sold?
3. Maria drinks 3 glasses of milk every day. Each glass holds 250 milliliters of milk. How much milk does Maria drink in one week?
4. There are 36 girls in a swimming club. The number of boys is twice the number of girls. If there are 12 teams in the club, how many swimmers will be on each team?
5. A factory produces 18 toy cars of each color: red, blue, green, and yellow, every hour. If the factory runs for 7 hours, how many toy cars are produced in total?

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6. A bookstore has 15 shelves, and each shelf holds 28 books. If the books are packed into boxes that hold 14 books each, how many boxes are needed?
  
7. Liam eats 4 sandwiches every school day. Each sandwich is cut into 3 pieces. How many sandwich pieces does Liam eat in two school weeks (10 days)?
  
8. A school garden grows 5 rows of carrots, with 18 carrots in each row. If carrots are bundled into groups of 9, how many bundles can be made?
  
9. There are 24 women in a hiking club this year. The number of men is three times the number of women. If there are 12 groups going on the hike, how many people will be in each group?
  
10. A bakery makes 16 loaves of bread of each type: wheat, white, and rye, every hour. If the bakery works for 9 hours, how many loaves of bread are baked in total?

## Two-Step Multiplication Division – Answer Key

1. The total number of tulips is  $8 \times 24 = 192$ .  
The number of packs needed is  $192 \div 6 = 32$ .
2. The total number of pie pieces is  $10 \times 6 = 60$ .  
The total value of all pieces is  $60 \times 1.50 = 90$ .
3. The amount of milk Maria drinks in one day is  $3 \times 250 = 750$  milliliters. The amount of milk she drinks in one week is  $750 \times 7 = 5,250$  milliliters.
4. The number of boys is  $36 \times 2 = 72$ .  
The total number of swimmers is  $36 + 72 = 108$ .  
The number of swimmers on each team is  $108 \div 12 = 9$ .
5. The number of toy cars made each hour is  $18 \times 4 = 72$ .  
The total number of toy cars made is  $72 \times 7 = 504$ .
6. The total number of books is  $15 \times 28 = 420$ .  
The number of boxes needed is  $420 \div 14 = 30$ .
7. The number of sandwich pieces eaten each day is  $4 \times 3 = 12$ . The number of pieces eaten in two weeks is  $12 \times 10 = 120$ .
8. The total number of carrots is  $5 \times 18 = 90$ .  
The number of bundles that can be made is  $90 \div 9 = 10$ .
9. The number of men is  $24 \times 3 = 72$ .  
The total number of people is  $24 + 72 = 96$ .  
The number of people in each group is  $96 \div 12 = 8$ .
10. The number of loaves baked each hour is  $16 \times 3 = 48$ .  
The total number of loaves baked is  $48 \times 9 = 432$ .