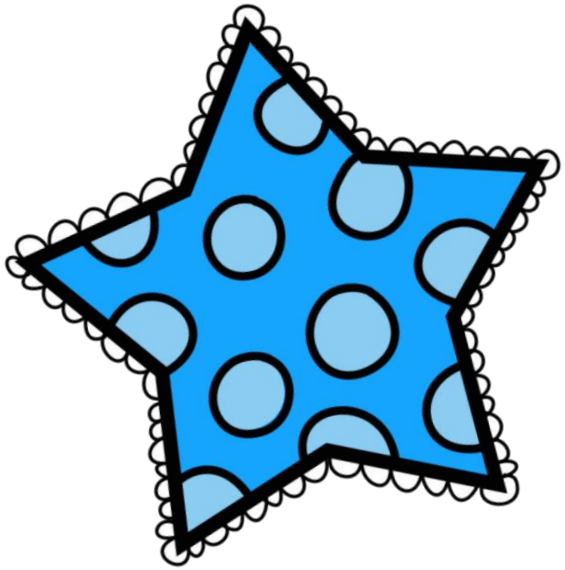
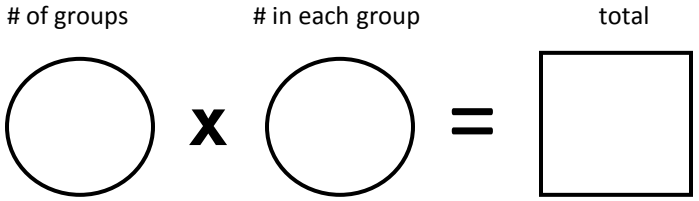


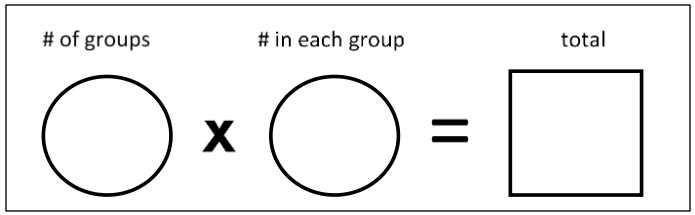


MULTIPLICATION AND DIVISION STORY PROBLEMS

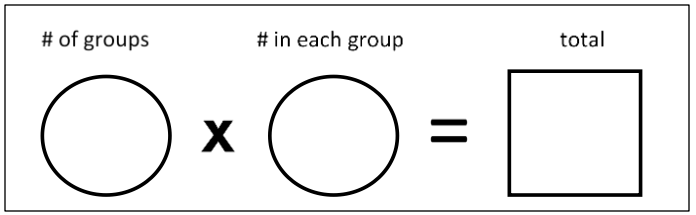
Basic facts practice and use of a template to determine
# of groups, # in each group, and the total.

Cindy Elkins
cindyelkins.edublogs.org (OK Math and Reading Lady)

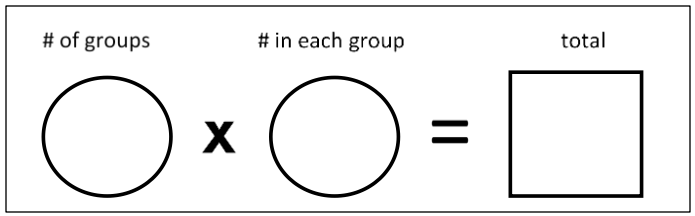
Susie bought 4 packs of earrings. Each pack had 1 pair of earrings. How many earrings did Susie buy?



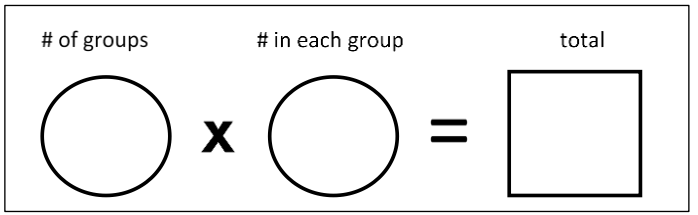
Five bowling balls sat on the shelf. I counted the holes. How many holes did I count in all?



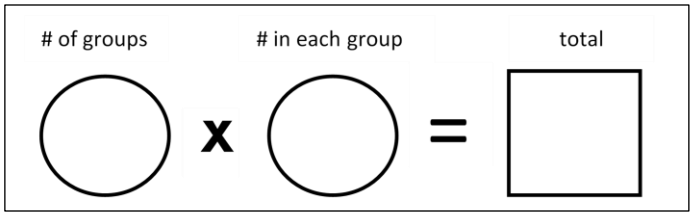
There were 3 soccer teams at a tournament. Each team has 11 players. How many players at the tournament?



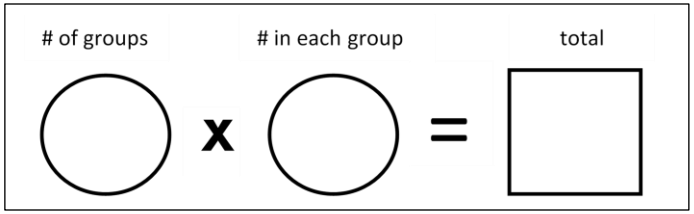
Each pizza was cut into 10 pieces. There were 4 pizzas. What is the total number of pieces?



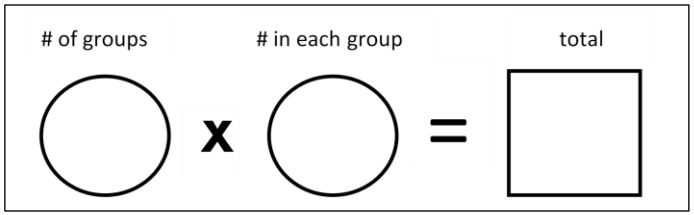
Each square has ____ sides. How many total sides are there for 6 squares?



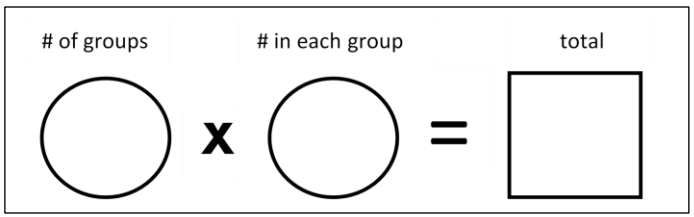
If there are 7 digits in each phone number, how many digits are there in 4 phone numbers?



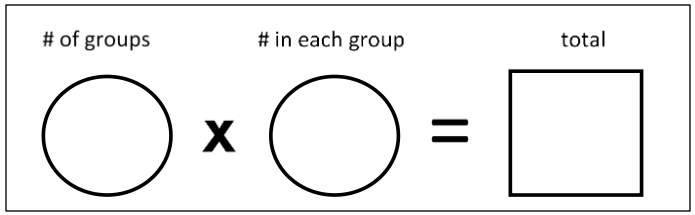
There are 7 basketball teams. Each team has 5 players. How many players all together?



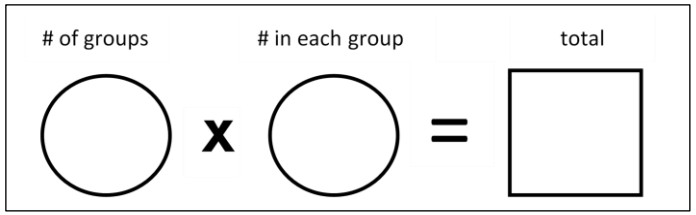
The coach bought 3 packs of bottled water. Each pack has 6 bottles. How many total bottles of water are there?



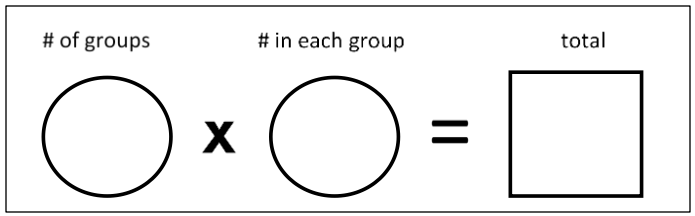
The bakery is putting 24 cupcakes into 4 boxes. If they put the same # in each box, how many cupcakes will go in each box?



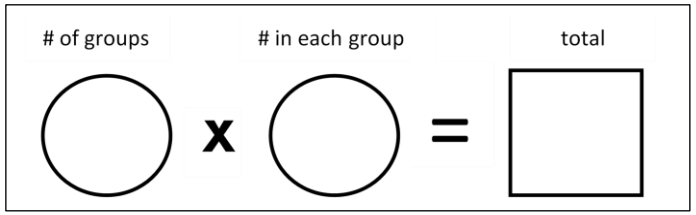
Dad bought some packs of gum. If there are 5 packs and 20 total pieces of gum, how many are in each pack?



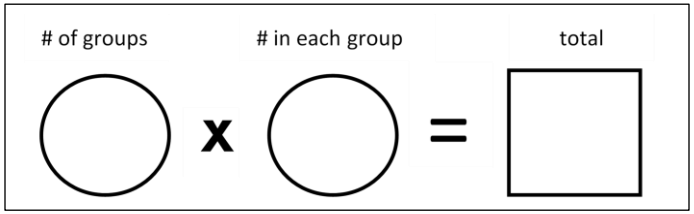
Mom gave out 12 cookies to each of her 3 children. How many cookies will each child receive?



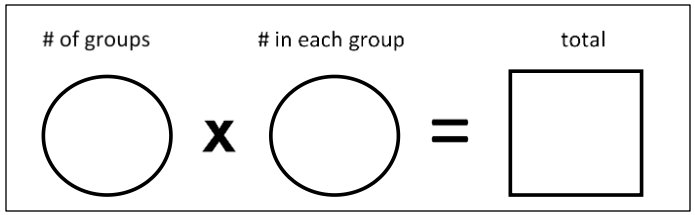
21 students are going on a field trip using 3 vans. If each van holds the same #, how many students per van?



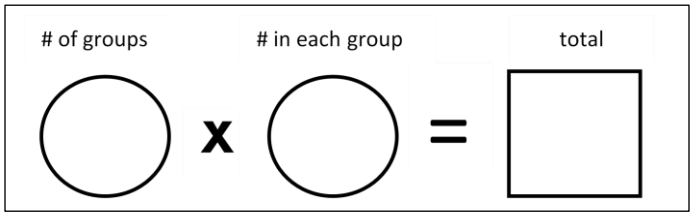
Dan looked at spiders in a jar. He saw 32 legs. Since spiders have 8 legs each, how many spiders did Dan see?



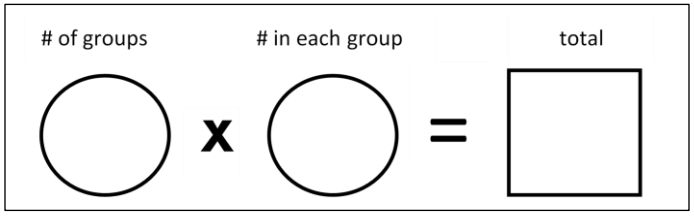
Julie is sorting her crayons. If she puts 45 crayons into baggies with 5 in each bag. How many baggies does she need?



The store clerk counted 16 quarters. Since there are ____ quarters in each dollar, how many dollars did she have?

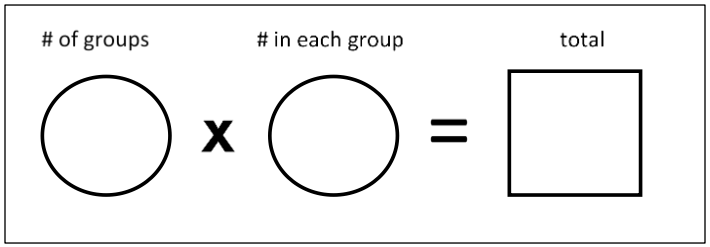


Zack is putting 25 chairs at tables for a party. He must put 5 chairs at each table. How many tables are needed?



Equal Groups Story Structures

- Both factors known / Product unknown (pages 1 and 2)
  - Find # of groups and # in each group
  - To solve: Multiply these factors to find the product (total)
- Total and # of groups known (page 3)
  - Find # of groups and the total
  - To solve: Relate to known multiplication facts by thinking of how many ____ in ____? Or Divide
- Total and # in each group known (page 4)
  - Find # in each group and total
  - To solve: Relate to known multiplication facts by thinking of how many ____ in ____? Or Divide
- Fill in this template with the 2 known pieces of information. Solve for the missing piece.
- Use these cards for instruction or mix them up and use them at centers or for a scoot activity.



Answer Key

Page 2: # of groups and # in each group (factors) known / Product unknown

- 4 packs of earrings x 2 in each pack = 8 earrings
- 5 bowling balls x 3 holes in each ball = 15 holes in the bowling balls
- 3 teams x 11 players on each team = 33 soccer players
- 4 pizzas x 10 pieces on each pizza = 40 pieces of pizza

Page 3: # of groups and # in each group (factors) known / Product unknown

- 6 squares x 4 sides per square = 24 sides
- 4 phone numbers x 7 digits per phone number = 28 digits
- 7 teams x 5 players = 35 total players
- 3 packs x 6 bottles of water per pack = 18 bottles of water

Page 4: # of groups and total known / # in each group unknown

- 4 boxes x __ cupcakes in each box = 24 cupcakes or 24 ÷ 4 = 6 cupcakes in each box
- 5 packs x __ pieces of gum in each pack = 20 pieces of gum or 20 ÷ 5 = 4 pieces of gum in each pack
- 3 children x __ cookies for each child = 12 cookies or 12 ÷ 3 = 4 cookies for each child
- 3 vans x __ number of children per van = 21 students or 21 ÷ 3 = 7 children per van

Page 5: # in each group and total known / # of groups unknown

- __ spiders x 8 legs on each spider = 32 legs or 32 ÷ 8 = 4 spiders
- __ bags x 5 crayons in each bag = 45 crayons or 45 ÷ 5 = 9 bags used
- __ dollars x 4 quarters in each dollar = 16 quarters or 16 ÷ 4 = 4 dollars
- __ tables x 5 chairs at each table = 25 chairs or 25 ÷ 5 = 5 tables needed