

Word Problems

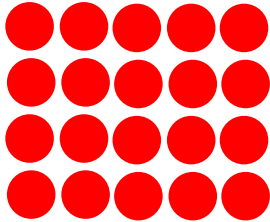
 Assignment–Teacher Edition

Math 3

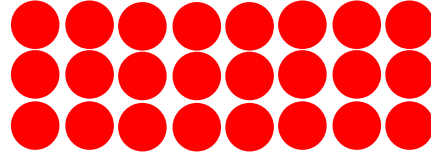
Part A:

Draw an array to represent the following word problems.

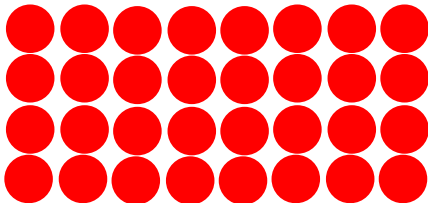
1. Jasmine has 4 pencil holders. She wants to put 5 pencils in each holder. How many pencils does she have?



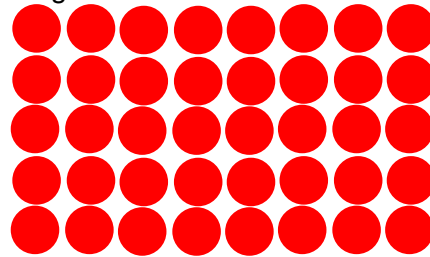
2. Kimberly wants to color 3 coloring books. Each book has 8 pages. How many pages will she color?



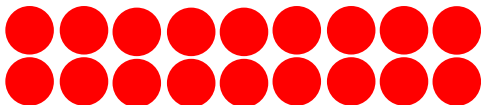
3. Eugene has 32 chocolate marshmallows. He packs them equally into 8 containers. How many does each container have?



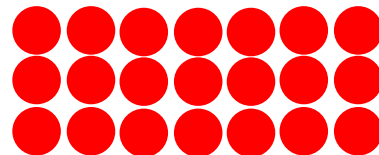
4. Gabby has 5 whole pizzas. He cuts each pizza into 8 slices. How many slices did he cut altogether?



5. Sean has 18 erasers. He gave half of it to his classmate. How many does each person have?



6. Melanie wants to put 7 candies in each bag. She has 3 bags. How many bags does she need?



Part B:

Read the following word problems. Complete the equal groups statement.

Lea has a collection of 15 flowers. She groups them into 5 vases. How many flowers does each vase have?

5 groups of 3 is 15

Teacher Nancy wants to group 7 students each in 4 groups. How many students does Teacher Nancy have?

4 groups of 7 is 28

Jack has 3 cans of 10 almonds. How many almonds does Jack have all in all?

3 groups of 10 is 30

Timothy has 16 jellybeans. He grouped them by twos. How many groups did Timothy make?

8 groups of 2 is 16

Sarah loves to eat gummy bears. She has 10 packets that contain 5 gummy bears each. How many gummy bears will she be able to eat?

10 groups of 5 is 50

Ruby drinks milk every day. She drinks 3 glasses of milk per day. How many glasses of milk does Ruby drink for a week?

7 groups of 3 is 21

Dennis collects rare coins. He currently has 24 coins. He divided them equally and placed them in 4 pockets. How many coins are there in each pocket?

4 groups of 6 is 24

Marga picked up trash in the room. She places 4 pieces of trash in one garbage bag. She has 10 garbage bags. How many pieces of trash did she pick up?

10 groups of 4 is 40

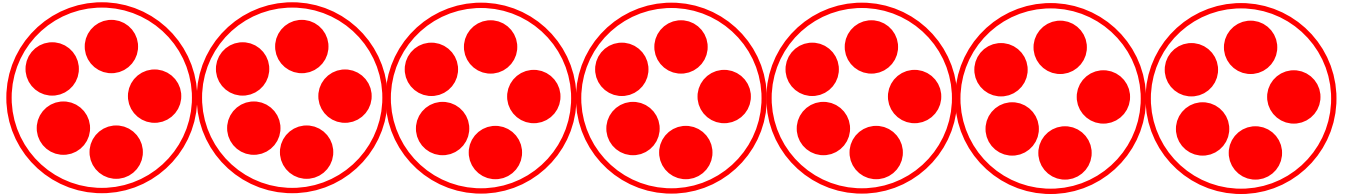
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Part C:

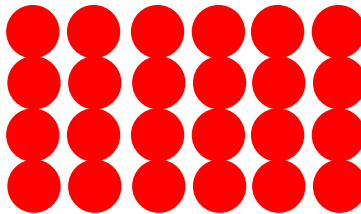
Answer the following multiplication word problems.

- Hillary has 7 containers. She wants to put 5 marbles in each container. How many marbles does she own? Draw equal groups to help solve.



$7 \times 5 = 35$ marbles

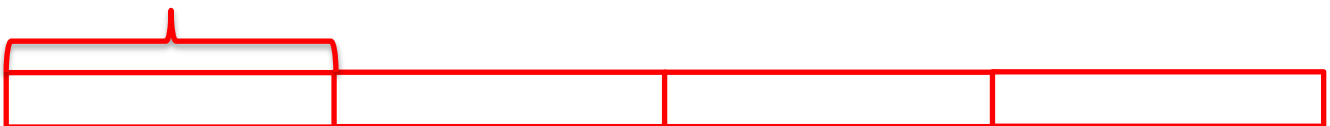
- Ryan wants to store his books in shelves. He puts 6 books in each shelf. How many books has he put if there are 4 shelves? Draw an array to help solve.



$4 \times 6 = 24$ books

- Justin draws a square. The length of each side is 9 centimeters. What is the length of all the four sides? Draw a tape diagram to help solve.

9 centimeters



$9 \times 4 = 36$ centimeters

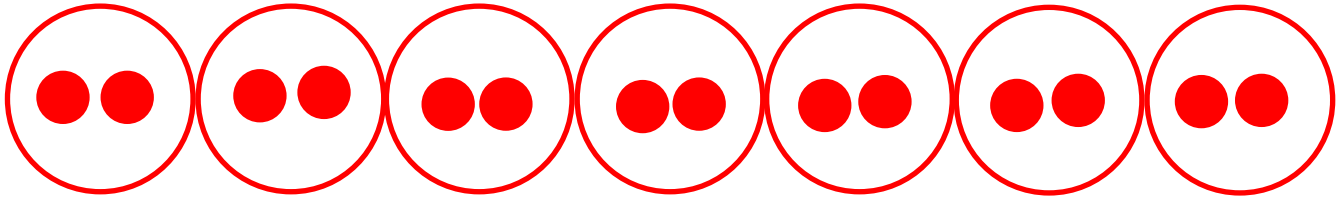
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Part D:

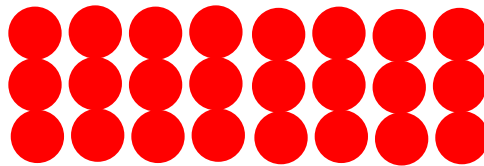
Answer the following division word problems.

- Chickens have two feet. Troy counted 14 feet. How many chickens are there? Draw equal groups to help solve.



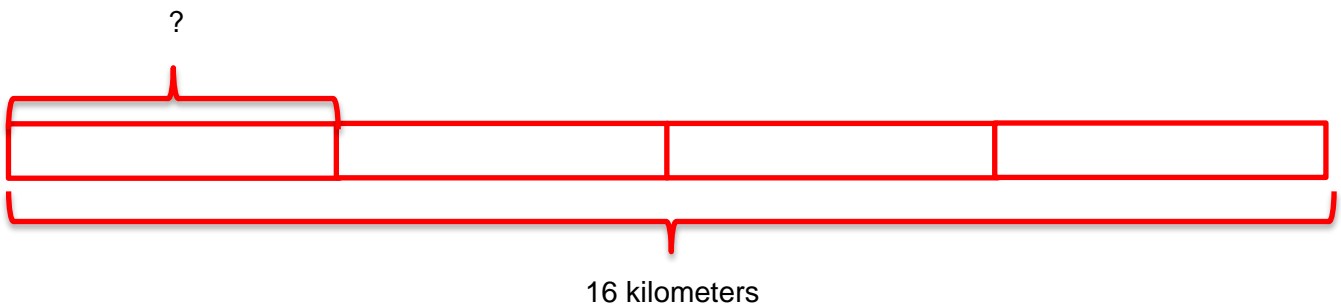
$14 \div 2 = 7$ chickens

- Peter has 24 bottles. He placed them equally in 3 rows. How many bottles are there in each row? Draw an array to help solve.



$24 \div 3 = 8$ bottles

- Joshua biked a distance of 16 kilometers. He had 4 stops. He stopped whenever he bikes for a certain distance. What’s the distance for each stop? Draw a tape diagram to help solve.



$16 \div 4 = 4$ kilometers