

MY Homework**Lesson 6****Problem Solving:
Use Models****Homework Helper**Need help? connectED.mcgraw-hill.com

Lucy needs 7 craft sticks to make a puzzle. She has 28 craft sticks. How many puzzles can Lucy make? Use a model to solve.

1 Understand

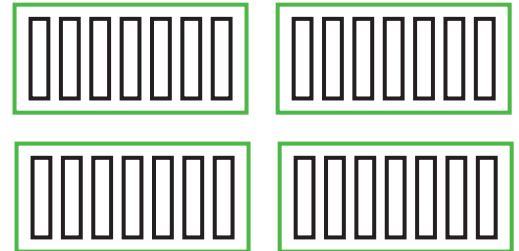
Lucy has 28 craft sticks. She needs 7 sticks to make a puzzle. Find how many puzzles Lucy can make.

2 Plan

Divide 28 craft sticks into equal groups of 7.

3 Solve

There are 4 equal groups of 7 craft sticks. The model shows that $28 \div 7 = 4$. So, Lucy can make 4 puzzles.

**4 Check**


Use multiplication to check. $4 \times 7 = 28$
So, the answer is correct.

Problem Solving

- Brandon spent \$20 on school supplies. He bought five different items that each cost the same amount. How much did each item cost? Use a model to solve.

Each item cost \$4.

Solve each problem by using a model.

- Mathematical PRACTICE**  **Use Math Tools** Alice planted 6 tomato plants, 4 bean plants, and 2 pepper plants. Each row had 6 plants. How many rows did Alice plant?

2 rows

3. At the circus, there are 18 clowns. The clowns drive around in little cars. If there are 3 clowns in each car, how many cars are there?

6 cars

4. Mr. and Mrs. Carson took Sarah, Brent, and Joanie to see a movie. They paid \$50 in all. The Carsons spent \$15 on snacks. How much did each ticket cost?

\$7

5. Mrs. Glover had 25 rare coins. She divided them evenly among her 5 grandchildren. How many coins did each grandchild get?

5 coins

6. A singer performed 9 songs at a recital. She had 3 weeks to practice. How many songs did she practice each week if she practiced an equal number of songs each week?

3 songs

My Work!

