Remainder Reminder

Start with these number sentences:

\[ \frac{360}{12} = n \quad 12 \times 30 = n \]

Use the number sentences to solve each problem.

1. Use the numbers to write and solve a problem that requires you to find area.

2. Use the numbers to write and solve a problem that requires you to compare 2 amounts.

3. Use the numbers to write and solve a problem that requires you to find equal groups.

4. Explain why you need to multiply for the first problem you wrote.

5. Explain why you are able to either multiply or divide in the second problem you wrote.

6. Explain what unit (inches, days, students, cans of soda, and so on) each answer represents in the three problems you wrote.
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Start with these number sentences:

\[ 360 \div 12 = n \quad 12 \times 30 = n \]

Use the number sentences to solve each problem.

1. Use the numbers to write and solve a problem that requires you to find area.

   Possible word problem: A board game is made up of spaces shown in 12 rows and 30 columns. How many spaces are shown? 360

2. Use the numbers to write and solve a problem that requires you to compare 2 amounts.

   Possible word problem: Uncle Lou has 30 baseball cards. His nephew has 12 times as many. How many cards does his nephew have? 360

3. Use the numbers to write and solve a problem that requires you to find equal groups.

   Possible word problem: A large room can seat 360 people with 12 people in each row. How many rows are there? 30

4. Explain why you need to multiply for the first problem you wrote.

   Answers will vary.

5. Explain why you are able to either multiply or divide in the second problem you wrote.

   Answers will vary.

6. Explain what unit (inches, days, students, cans of soda, and so on) each answer represents in the three problems you wrote.

   Possible answer: spaces, cards, rows