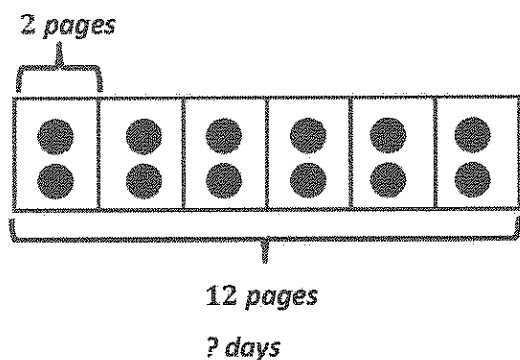2. Caden reads 2 pages in his book each day. How many days will it take him to read a total of 12 pages?

> This problem is different than the other problem because the known information is the total and the size of each group. I need to figure out how many groups there are.

> I can draw an array where each column represents the number of pages Caden reads each day. I can keep drawing columns of 2 until I have a total of 12.

2 pages

> I can use my array to help me draw a tape diagram. I can draw 6 units of 2 in my tape diagram because my array shows 6 columns of 2.

12 pages

? days

$12 \div 2 = 6$

> I know the answer is 6 because my array shows 6 columns of 2, and my tape diagram shows 6 units of 2.

It will take Caden 6 days to read a total of 12 pages.

> I can write a statement to answer the question.

Lesson 11:   Model division as the unknown factor in multiplication using arrays and tape diagrams.

EUREKA MATH