MY Homework

Homework Helper

eHelp

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Arthur will cut a 12-foot board into 4 equal pieces. If it takes him 10 minutes to cut the board how long will each piece be?

1 Understand

What facts do you know?
Arthur has a 12-foot long board.
He will cut the board into 4 equal pieces.
It will take 10 minutes to cut the board.

What do you need to find?
the length of the 4 pieces

2 Plan

Decide which facts are important.
• the length of the board being cut
• the number of pieces being cut

> **Extra Information**
> It will take him 10 minutes to cut the board.

3 Solve

Divide the board's length by the number of pieces being cut.
$12 \div 4 = 3$.
So, each piece will be 3 feet long.

4 Check

Does the answer make sense?
Use the inverse operation, multiplication, to check.
$3 \times 4 = 12$
So, the answer is reasonable.

Problem Solving

Determine if there is extra or missing information to solve each problem. Then solve if possible.

1. Brandy ate 9 corn chips for a snack. She ate twice as many raisins. She also drank a juice box. How many raisins did Brandy eat?

   _____

   _____

2. Miguel bought a movie ticket that cost $5. He also bought popcorn and a bottle of water. How much did Miguel spend altogether?

   _____

   _____

3. Annie has basketball practice from 2:30 P.M. to 4:00 P.M. She makes 10 free throws every practice. How many free throws does she make in 4 practices?

   _____

   _____

4. Naya has 12 flowers. She gives away 6 to Jane and 3 to Heather. Hannah does not have any flowers. How many flowers does Naya have left?

   _____

   _____

5. **Mathematical PRACTICE 3** **Draw a Conclusion** Juan bought two new tires for his bike. He also had the bike tuned up. The total bill was $65. How much did Juan spend on the 2 tires?

   _____

My Work!

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