

Brainstorm Act Out or Use Objects



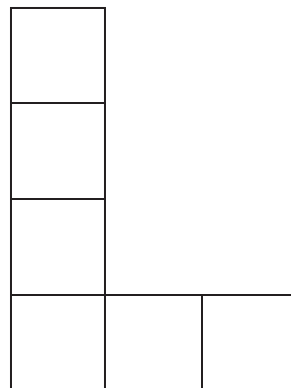
Pattern Blocks

28

Devon gave Latanya a puzzle to solve. He used 6 square tiles to make an L-shape like the one shown.

Then he asked, “How can you move just one tile and make each side of the L-shape have 4 tiles?”

Show how Latanya can solve Devon’s puzzle.



FIND OUT

What do you have to find out to solve the problem?

What does the problem tell you about Devon’s puzzle for Latanya?

CHOOSE STRATEGIES

You can **Brainstorm** and **Act Out or Use Objects** to help you solve this kind of problem. Use Pattern Block squares to make Devon’s L-shape. Try to think about things in different ways than you usually think about them. Try out as many different ideas as you can. The answer may pop into your mind.

SOLVE IT

1. How many tiles does Devon's puzzle shape have?
2. How many tiles are there in the long side of the L?
3. How many tiles are there in the short side of the L?
4. What are some different ways you can arrange the tiles and have 4 tiles in both sides of the L? Try as many different arrangements as you can think of.

5. How can Latanya solve Devon's puzzle?

LOOK BACK

- Read the problem again.
- Check over your work.
- Did you answer the question that was asked?
- Does your answer make sense?