



Deepen Activities

- 1 Write a story for this bar model. Decide on the question you want to be answered and give it to your partner to solve.

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I think this bar model could give answers to lots of different questions.



- 2 Design a ratio problem set in a theme park. Your problem should be about area and you should use division to solve it. The answers must be whole numbers.

I think knowing multiples and factors will help me here.



- 3 In a 4-quadrant coordinate grid, a square with sides of 4 units is translated 5 left and 3 down.

If one of its vertices is now at $(-3, 2)$, what could the coordinates of the original square be? Find all the possibilities.

I can work backwards to find the original position of the square.

