

Challenge MATH

Week 5,

5/20-5/27

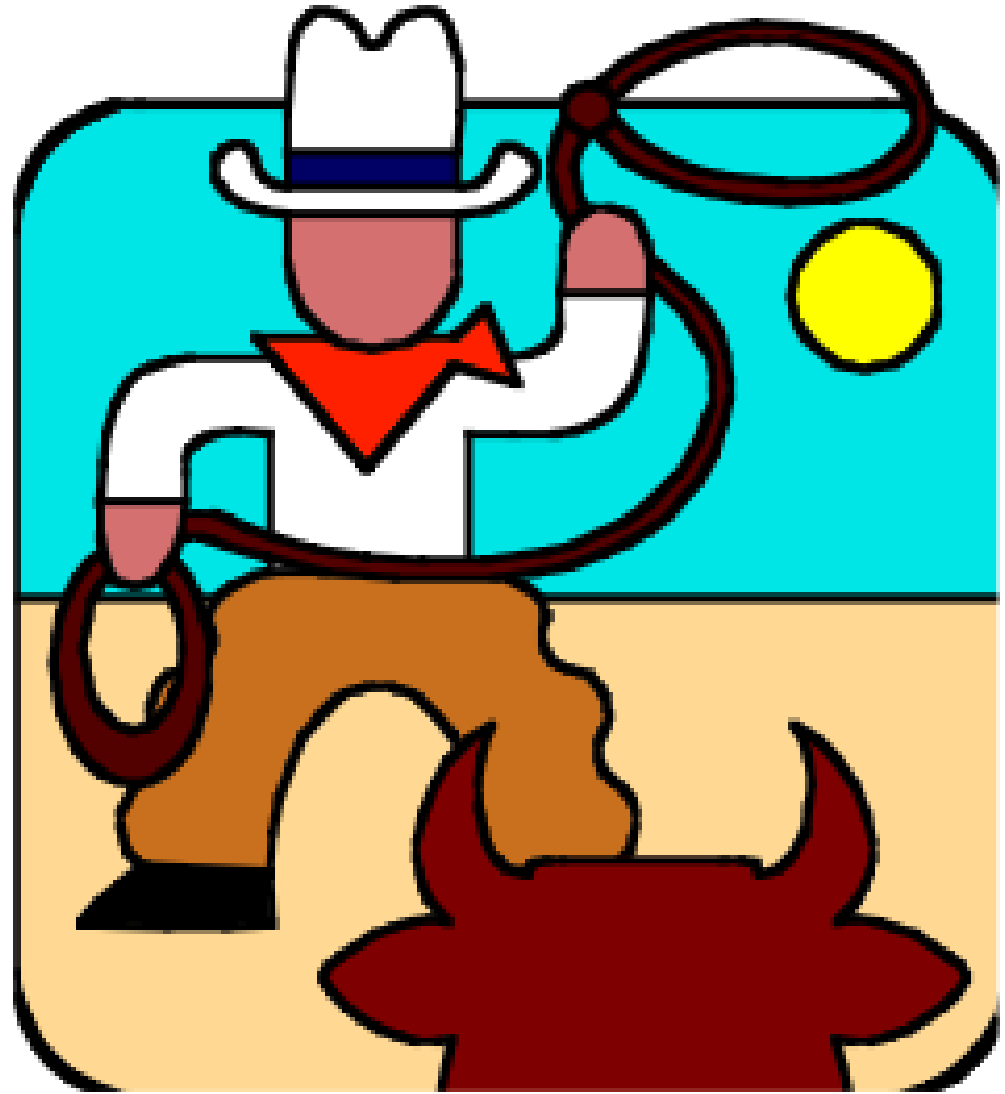




Math Activity: Surrounded and Covered

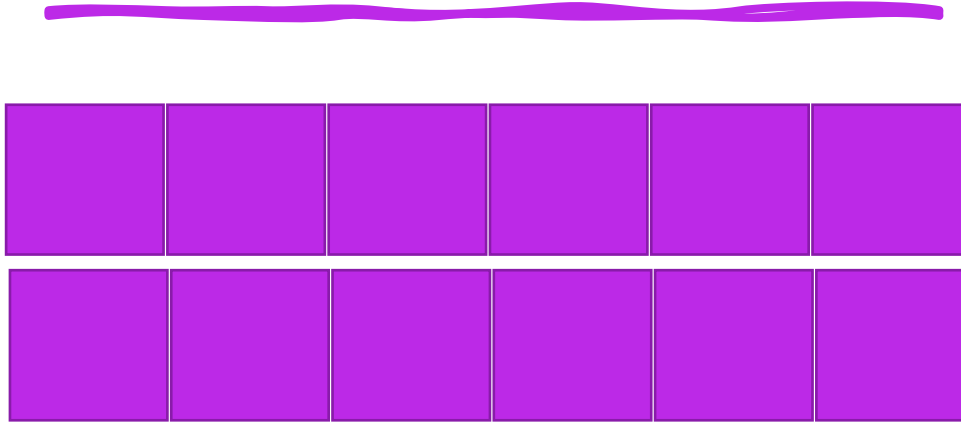
These problems get harder as you go further. Solve as many problems as you can!

Level 1:





Tex has a home on the range (where the deer and the antelope play). He has a patio made out of square tiles. The tiles are a foot long and a foot wide. How many tiles are in his patio?



Can you arrange the tiles so that you make a square? Why or why not?

How many more tiles do you need to make a big square patio? Draw the new patio and tell how many tiles there are in all.



Level 2

Tex decides to build his patio with three flowerbeds. The flowerbeds are different shapes. In the first he plants red roses. In the second he plants blue bells and in the third he plants yellow daisies. Which flowerbed has more space to plant the flowers? Explain how you found your answer.

