Halving Harry

Activity

Harry is painting halves using squares. Can students join in? How many different ways can they show halves? Students could use post-it notes, scrap paper, whiteboards (students can loosely draw squares) or their own ideas to create different drawings that represent halves or show 1/2.

To support:

- Provide students with squares and rulers.
- Instead of drawing halves, students could create block towers or buildings that show halve.
  - E.g. 3 blocks are green and the 3 blocks are other colours
- Provide students with a ten frame. They could colour in squares or put counters on top of the square to show halves.
  - Fold the ten so there are only 8 boxes showing. How could students colour in half now? Repeat for different box totals.

To challenge

Students could...

- Try to make at least five different examples.
- Explore quarters instead of halves.
  - Thirds, sixths, etc.
- Prove how they know they have created halves.

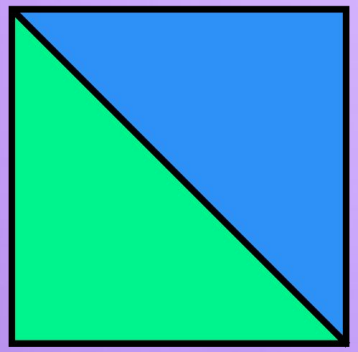


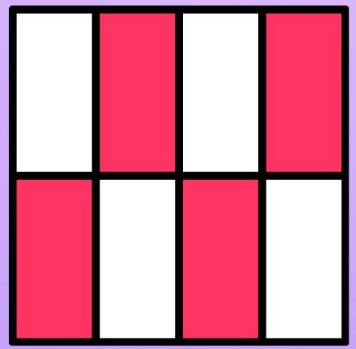
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Halving Harry

Harry is exploring how many different ways he can colour in half of a square. Here are two of his ideas. Try it on your own! How creative can you get?





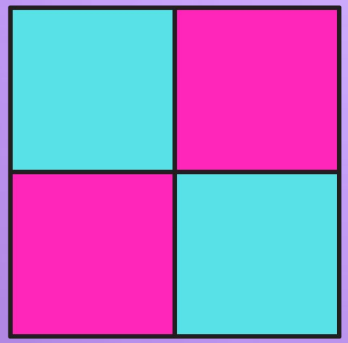


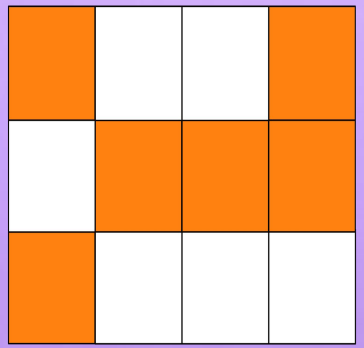
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Solution

There are so many ways to draw halves! Check out some of my ideas below. What do you notice? What does **half or halve** mean to you?







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