

Maths Challenge Questions

Two friends want to buy some marbles and then share them out equally between them.

They could buy a bag of 13 marbles, a bag of 14 marbles or a bag of 19 marbles.

What size bag should they buy so that they can share them equally?

What other numbers of marbles could be shared equally?

Explain your reasoning.

Complete:

Half of \square is 6

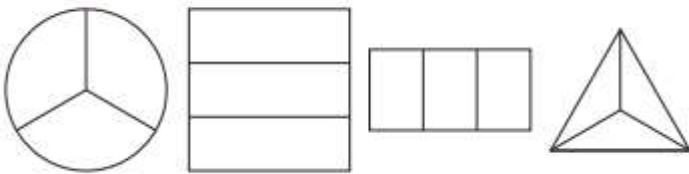
$\frac{2}{4}$ of \square is 6

$\frac{1}{4}$ of $\square = 5$

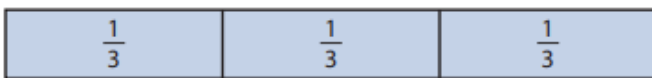
$\frac{3}{4}$ of $\square = 15$

20 children are in a class and $\frac{1}{4}$ are girls. How many are boys?

Shade $\frac{1}{3}$ of each shape.

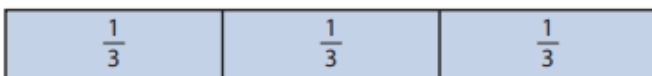


Use the pictures to complete the number sentences.



\square is less than \square $\square < \square$

\square is greater than \square $\square > \square$



$\frac{3}{\square}$ is greater than $\frac{2}{\square}$ $\frac{3}{\square}$ is less than $\frac{3}{\square}$