

Multiplication and Division

Explain Your Reasoning

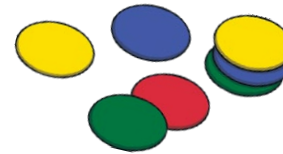
Challenge Cards



Multiplication and Division - Explain Your Reasoning

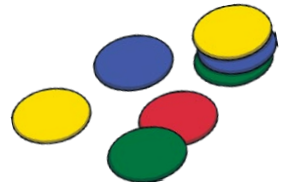
1

I can double any number but I can only halve some numbers.



Why?

Explain your answer.

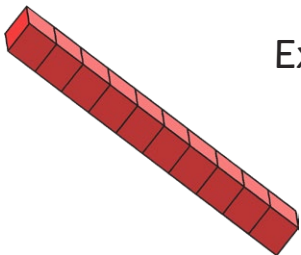


Multiplication and Division - Explain Your Reasoning

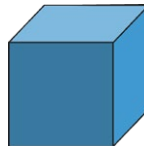
2

You cannot halve an odd number.

True or false?



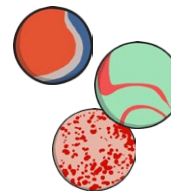
Explain your reasoning.



Multiplication and Division - Explain Your Reasoning

3

If you halve an even number it will always make an even number.



True or false?

Explain your answer.

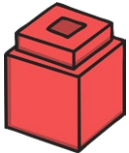


If you start at 0 and count up in tens, you will say the number 55.

True or false?



Explain your reasoning.



5, 10, ?, 20, 25, ?, ?

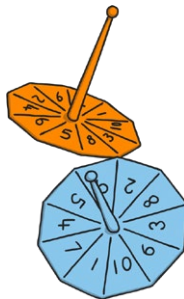
What are the missing numbers?

If you carry on this sequence, you will say the number 65. Am I correct?

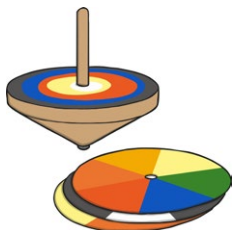
Explain your answer.

Are there any numbers that are multiples of 5 and 10?

How do you know?



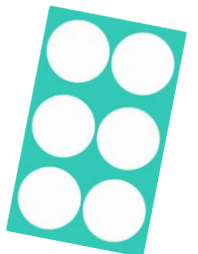
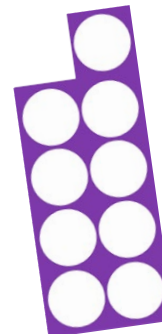
Explain your reasoning.



Janet is counting in twos. She counts the number 17.

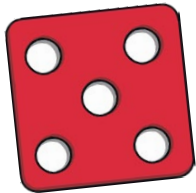
Has she counted correctly?

How do you know?

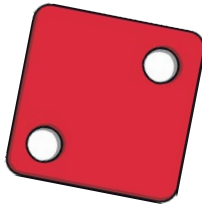


Sayed says, "I know the number 20 is in the ten times table so it is also in the two times table."

Is he correct?

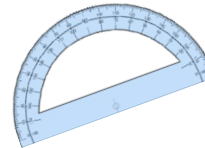


Explain your reasoning.

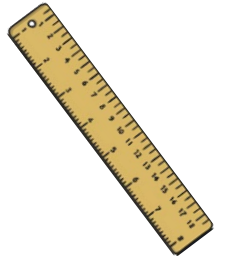


Jessica says, "I know the number 15 is in the five times table so it is also in the ten times table."

Is she correct?

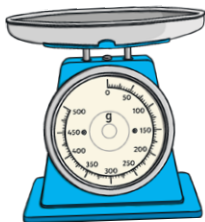


Explain your answer.



If I count down from 100 in tens, I will say the number 30.

True or false?



Explain your reasoning.

