


PROBLEM SOLVING FRIDAY

CAN YOU APPLY YOUR LEARNING INTO THIS PROBLEM

TODAY'S OBJECTIVE

Today our objective is to apply our understanding of finding missing values into repeating patterns. This involves you decoding the problem for clues, applying your knowledge of mental math and proving your understanding.

You know you have been successful when you can take a section of a pattern and apply the proper value.

Decorative geometric shapes in orange, teal, and light blue at the bottom of the slide.


PROBLEM

A student made a very clever pattern out of blocks. She created a value system for the blocks she was building with. Each block had a different number value. When she connected two blocks together they would be added. If three were connected she would all be added together.




TASK 1:

Decode the value of each colour.

 $=12$

 $=12$

 $=12$

 $=12$

What is the value of:



Task two:

Create a pattern (repeating would be awesome) with the following values

24 36 50 54 17

EXIT SLIP

Create a pattern with the value of 20



=3



=2



=4