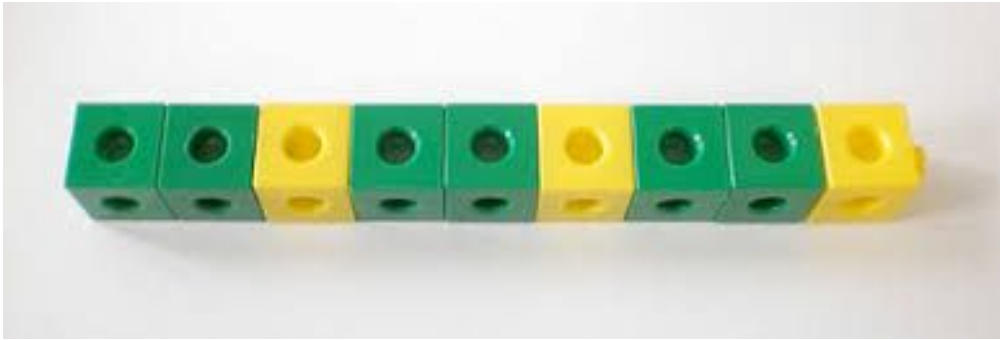


Patterning Review

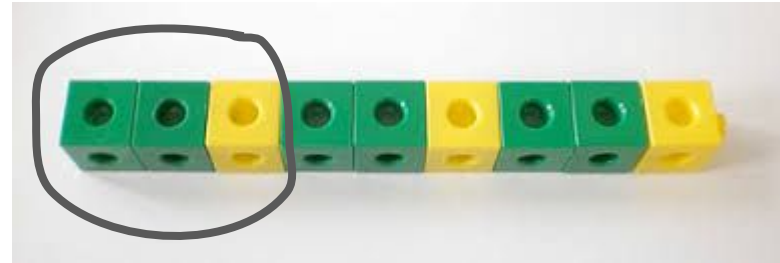
Repeating Patterns

What is a repeating pattern?

A pattern that repeats with the same grouping over and over. It needs to repeat a minimum of 3 times.

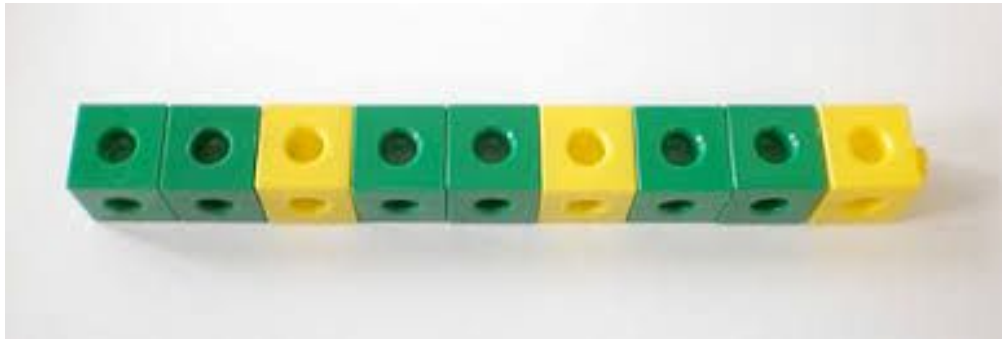


The core of the pattern is the part that repeats.



Attributes

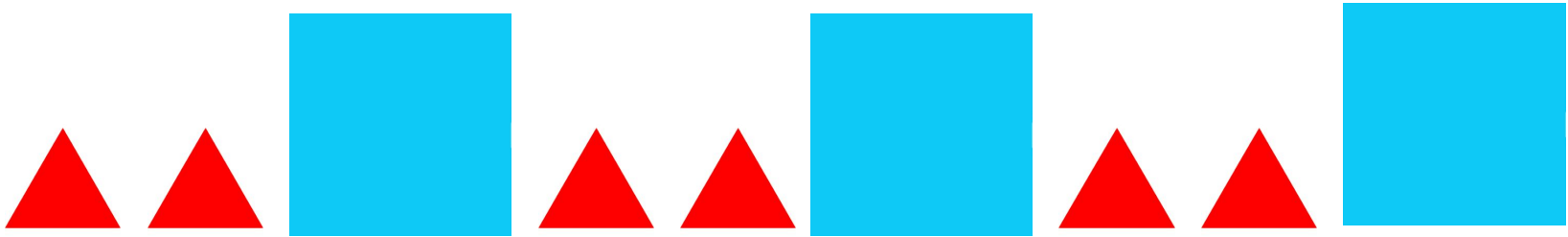
Attributes are the characteristic or property of an object such as: **colour**, **shape**, **size**, **thickness**, or **direction**.



The attribute that changes in this pattern is colour. It has 1 attribute that changes; colour.

Let's Practice...

What is the core of this pattern? What attributes are changing? What would be the next 3 terms?



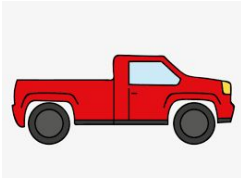
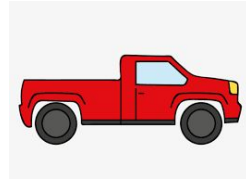
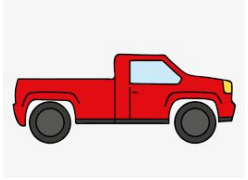
Practice

What is the core of this pattern? What attributes are changing? What would be the next 3 terms?

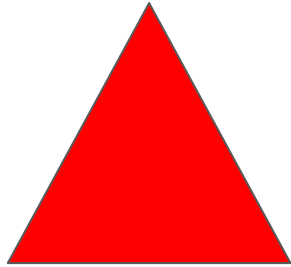


Practice

What is the core of this pattern? What attributes are changing? What would be the next 3 terms?



This triangle is the 5th shape in a pattern. What might the pattern be?



- Circle the core.
- Draw the next three terms.

○ ○ ○ ○ ○ ○ _____

○ ○ ○ ○ ○ ○ _____

△ ○ ▽ △ ○ ▽ △ _____

↑ ↓ ↑ ↓ ↑ ↓ ↑ ↓ _____

2 2 2 2 2 2 _____

A A B A A B _____

- Create a pattern where...

● ○ ○ ● ○ ○ ● ○ ○
only colour changes.

only size changes.

only shape changes.

colour and size change.

colour and shape change.

Growing and Shrinking Patterns

Remember that...

Growing patterns
are patterns that get
bigger each step.



Shrinking patterns
are patterns that get
smaller each step.



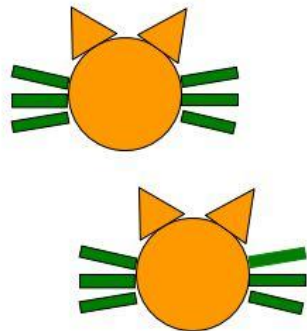
[Growing and Shrinking Patterns Game](#)

Growing Patterns - What Would Come Next?

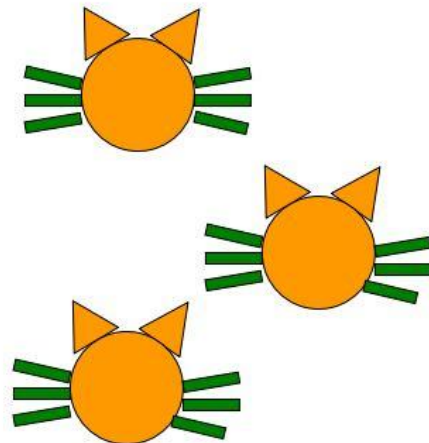
Cat Whiskers



One cat has
six whiskers.



Two cats have
___ whiskers.

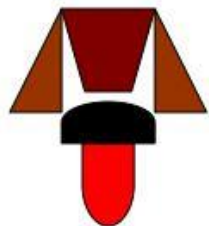


Three cats have
___ whiskers.

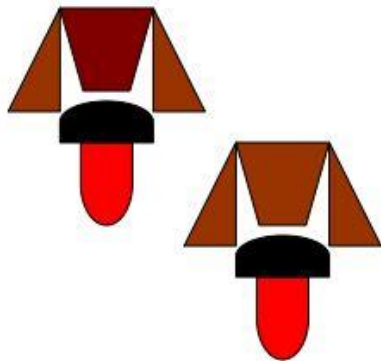
Think: How many whiskers do eight cats have?

Growing Patterns - What Would Come Next?

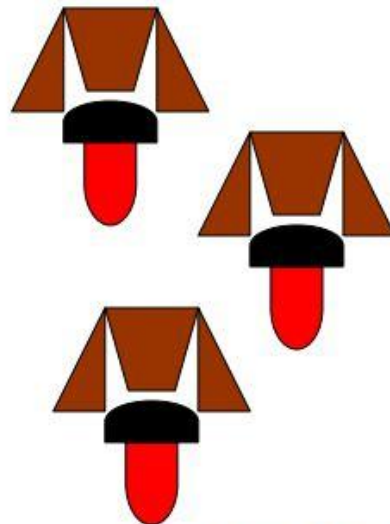
Dogs on the Block



One dog takes
5 blocks.



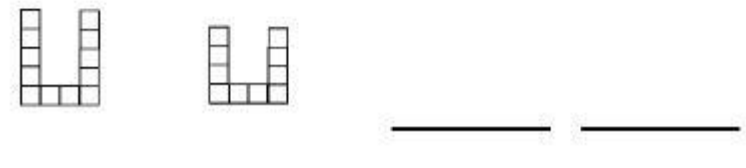
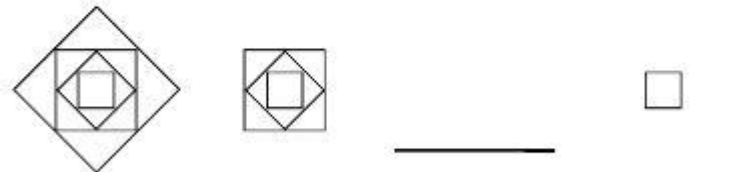
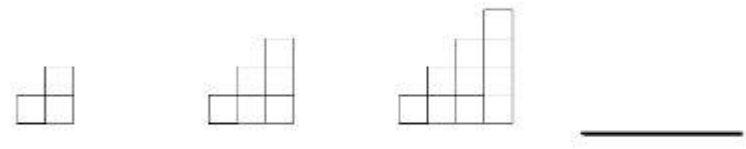
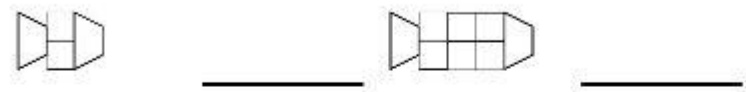
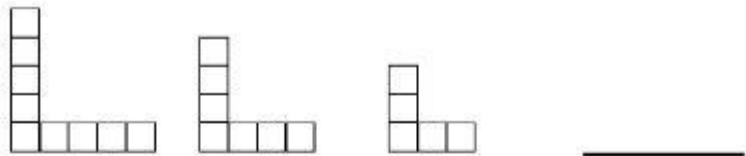
Two dogs take
___ blocks.



Three dogs take
___ blocks.

Think: How many blocks would ten dogs take?

Shrinking Patterns (And a few growing) - What would come next?



Don't forget your FACTS!

**practice skip counting by 10's this week

$\begin{array}{r} 25 \\ +53 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ +26 \\ \hline \end{array}$
$\begin{array}{r} 59 \\ +34 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ +15 \\ \hline \end{array}$

$\begin{array}{r} 66 \\ -14 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ -79 \\ \hline \end{array}$
$\begin{array}{r} 84 \\ -51 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ -38 \\ \hline \end{array}$

$7 \times 7 =$	$5 \times 6 =$
$4 \times 3 =$	$8 \times 3 =$

$35 \div 7 =$	$12 \div 4 =$
$36 \div 6 =$	$40 \div 5 =$