Monday $11^{\text {th }}$ May 2020 Summer Term- Week 4- Lesson 1- Multiplying and dividing Problem Solving Please watch the video first https://whiterosemaths.com/homelearning/year-4/(Week 4 Lesson 1)


Explain your answer.
$\qquad$
$\qquad$
b) List all the different choices Mo can make.
$\qquad$Aisha has 3 headbands and 5 hair slides.
Kim has 2 headbands and 6 hair slides.
Who has more choices of combinations for wearing one headband and 1 slide?

Here are the activity choices ovailable at Summer Camp.

| Sport | Arts and crafts | Outward bound |
| :---: | :---: | :---: |
| football | painting | wall climbing |
| tennis | pottery | kayaking |
| golf | mosaics | abselling |
|  | origami |  |

Each child is allowed to choose 3 activities per day:
1 sport, 1 arts and crafts and 1 outward bound.
a) How many activity combinations are there?
b) Due to a flooded pitch, football is cancelled.

How many combinations are now possible?

There are $\square$ combinations.

Tom and Esther are building a snowman.
They have a choice of 5 hats, 4 scarves and 2 pairs of gloves to dress their snowman.
How many different combinations are possible?


Talk about it with a partner.

(3) Tommy is working out the perimeter of some rectangles.


Use Tommy's method to find the perimeter of these rectangles.
a)

b)

4. Each lolly stick is 8 cm long.

Find the perimeter of the shape.

(5) Eoch of these rectongles has a perimeter of 24 cm .

Work out the missing lengths and label the diagrams.
a)
c)


What do you notice?
Find any other rectangles that have the same perimeter.

## Wednesday 13th May 2020 Summer Term- Week 4- Lesson 3- Perimeter of a rectalinear shape

 Please watch the video first $h t \dagger p s: / /$ whiterosemaths.com/homelearning/year-4/ (Week 4 Lesson 3)Mo puts two 5 cm by 3 cm rectangles next to each other.


The perimeter of

a) is Mo correct? $\qquad$
Work out the perimeter of the larger rectangle to check your answer.

b) Mo puts the rectangles together in different ways. Work out the perimeter of each large shape.


$\square$
$\square$
Dani thinks there isn't enough information to work out the perimeter of the shape.


A rectangular flower bed is 5 m long and 3 m wide. The poth around the flower bed is 1 m wide.

a) What is the perimeter of the flower bed?
b) What is the perimeter of the outside of the path?
Counting squares
Count the squares in each shape to find the area.
A


$$
\text { The area is } \square \text { squares. }
$$


The area is $\square$ squares. The area is $\qquad$ squares.
Which shape has the greatest area? $\qquad$
The area is $\qquad$ squares.Here is a rectangle.

a) The rectangle has $\square$ rows and $\qquad$ columns.
b) What is the area of the rectangle?
c) How did you work out the area?
(6)

Find the area of each rectangle.

$\square$ squares $\qquad$ squares $\qquad$ squares

Here is a kitchen tile.

a) What area of the tile is blue?
b) What area of the tile is white?
c) What is the total area of the tile?
These two shapes are made up of squares of the same size.


Who is correct? $\qquad$
Explain how you know.
$\qquad$
$\qquad$

Nijah and Eva are making shapes.
They each use 6 squares.


The area of Nijah's shape is equal to the area of Eva's shape.

Is this true or false? $\qquad$
How do you know?What is the area of each shape?

area $=\square$ squares

area $=\square$ squares

Friday Challenge.

## Clue-Dough Cake

QI.
Here is a tangram.

(a) What shopes oan you see?

What way can you sort your shapes?
(b) Can you see two different types of tropezum?

Shade them in

(c) Can you see an irregular hexagan? Shade if in:


Q2 Cut out your aake so it looks like the tangram
Can you make any of the following shopes?
A boat
A cot
A house

Q3. What ather shapes can you make?

Q4 What fraction of the whale shape is shaded here?


Shade in more of the diagran so $75 /$ is shoded

