

Year 4,

Please watch the video on White Rose Home Learning (Summer Term – Week 4 – w/c 11th May). Complete the worksheet for that day (these can now be found in the Y4 Maths Folder) and then have a go at the extra question(s) for that day set on this document.

The answers for these extras are at the end of this document.

There are no extras for day 5 as I have set consolidation work for area in the folder.

DAY 1 – Correspondence Problems

John has 6 t-shirts and 4 pairs of shorts.

Dexter has 12 t-shirts and 2 pairs of shorts.

Who has the most combinations of t-shirts and shorts?

Explain your answer.

DAY 2 – Perimeter of a rectangle

1) Always, Sometimes, Never.

When all of the sides of a rectangle are odd numbers, the perimeter is even.

Prove it.

2) Here is a square. Each of the sides is a whole number of metres.



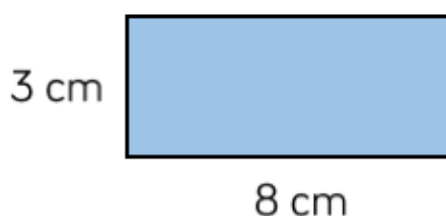
Which of these lengths could be the perimeter of the shape?

24m , 34m , 44m , 54m , 64m , 74m

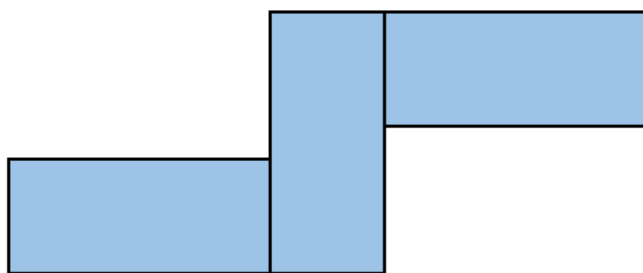
Why could the other values not be the perimeter?

DAY 3 – Perimeter of rectilinear shapes

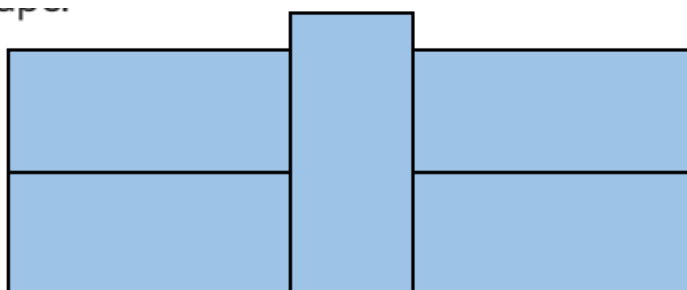
Amir has some rectangles all the same size.



a) He makes this shape using his rectangles.
What is the perimeter?



b) He makes another shape using the same rectangles. Calculate the perimeter of this shape.



DAY 4 – Area (Counting Squares)

Dexter has taken a bit of the chocolate bar.



The chocolate bar was a rectangle. Can you work out how many squares there were to start with?

ANSWERS

DAY 1

The same have the same amount as they both have 24 combinations. $6 \times 4 = 24$ and $12 \times 2 = 24$.

DAY 2

1) Always because when adding an odd and an odd they always equal an even number.

2) 24m (sides = 6m) , 44m (sides = 11m) , 64m (sides = 16m).

The others are not divisible by 4.

Day 3

a) 54cm

b) 54cm

DAY 4

There were 20 squares.

You know this because two sides of the rectangle were shown.