THOMAS BULLOCK CE PRIMARY ACADEMY

Year 5

MATHS WEEK 4

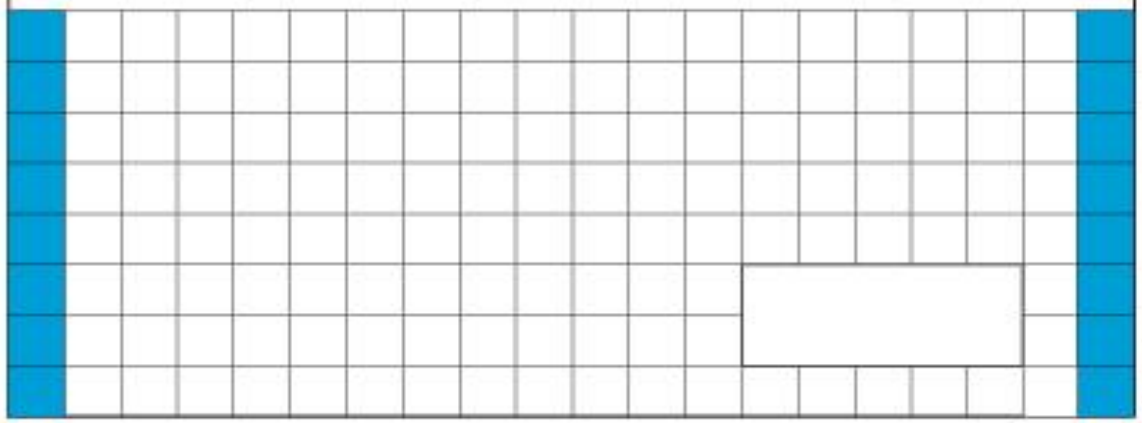
DAY 5: CALCULATE PERIMETER

Challenge 1

You have 3 minutes to complete the next 3 questions!
Good luck

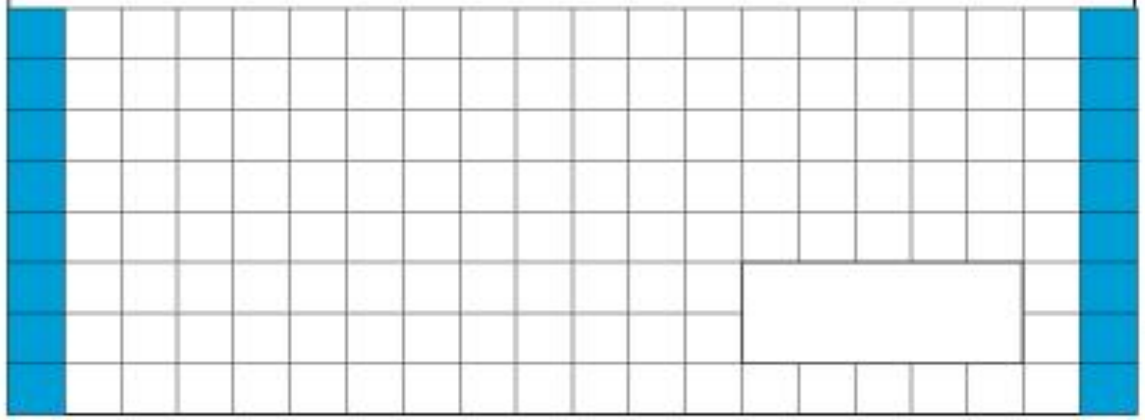
Challenge 1

1. 682 x 25 =



1 m

2. $\frac{4}{5}$ x 5 =



1 mark

3. Sandy was born in 1982. James was born 18 years later.

a) Write the year James was born in **Roman numerals.**

a) Write the year in which James will turn sixteen in **Roman numerals.**

Challenge 1 Answers

1. 682 x 25 =

1 mark

2. $\frac{4}{5}$ x 5 =

1 mark

3. Sandy was born in 1982. James was born 18 years later.

a) Write the year James was born in **Roman numerals.**

a) Write the year in which James will turn sixteen in **Roman numerals.**

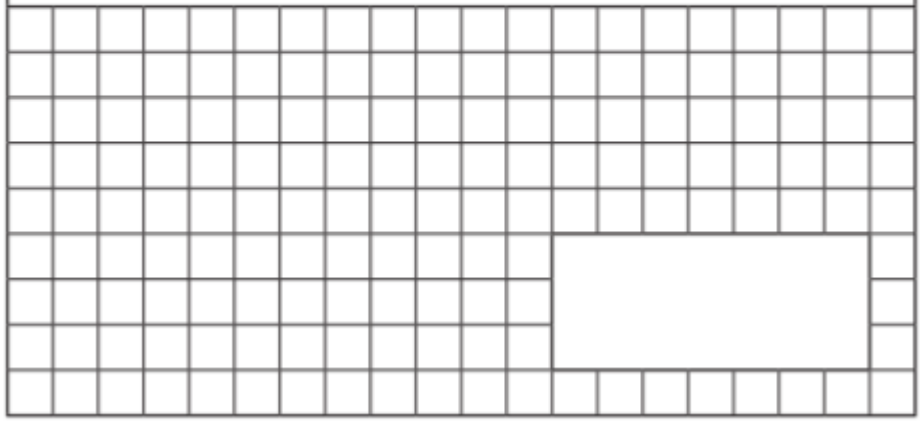
<u>Solutions</u>

1. 17,050
2. 4
3. a) MM b) MMXVI

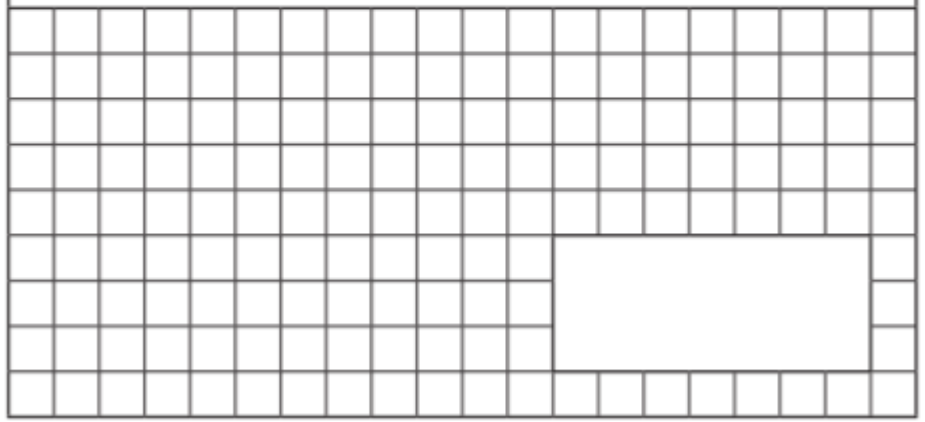
Challenge 2 Arithmetic:

How do you solve these? Can you teach your family how? What are the challenges? Can you solve them in your head? Which ones? What is the best method? Fastest method?

892 + 657 =



2,345 x 28 =



Challenge 2- Answers

892 + 657 =

1,549

2,345 x 28 =

65,660

Challenge 3: Watch the WhiteRose Video Summer Week 3 Day 5: Calculate Perimeter

https://whiterosemaths.com/homelearning/year-5/

Challenge 3: Watch the WhiteRose Video Summer Week 3 Day 5: Calculate Perimeter

Answer the Questions as you go through each of these!

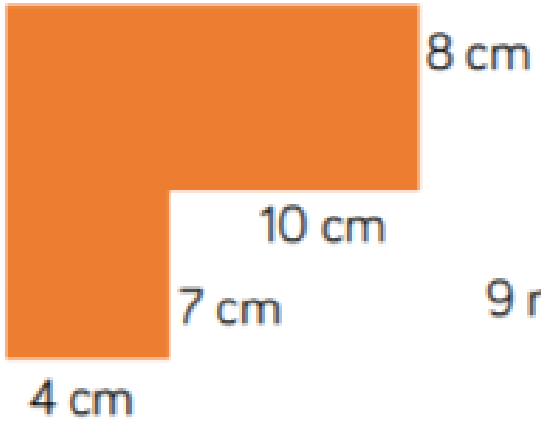
Challenge 3: Watch the WhiteRose Video Summer Week 3 Day 4: Calculate Perimeter

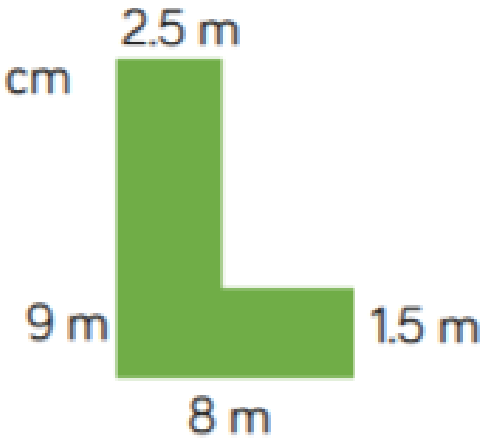
Use the Answers to multiply 2 digit numbers area model.

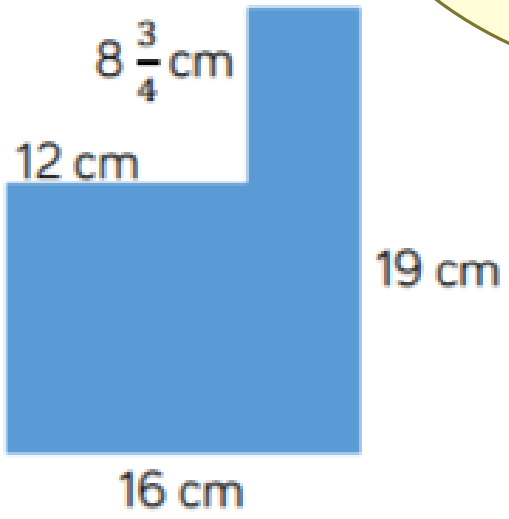
Challenge 3: Question 1

Answer in your book!

Find the perimeter of the following shapes.







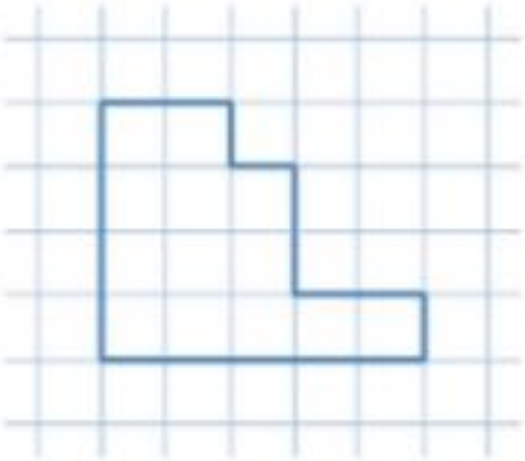
Challenge 3: Question 2

Answer in your book!

Each square has an area of 4 square cm.

What is the length of each square?

What is the perimeter of the whole shape?

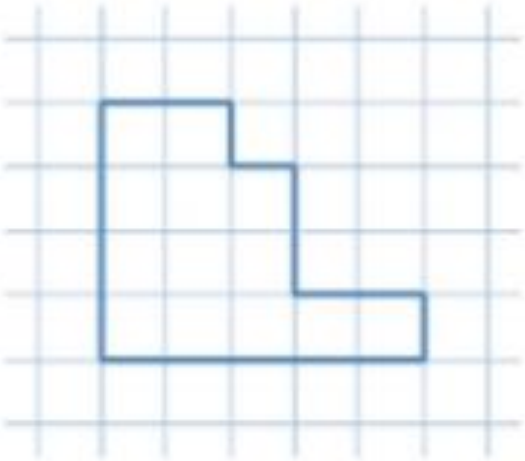


Challenge 3: Question 2 Answer

Each square has an area of 4 square cm.

What is the length of each square?

What is the perimeter of the whole shape?



Challenge 3: Problem Solving Answer

Here is a square inside another square.

The perimeter of the inner square is 16 cm

The outer square's perimeter is four times the size of the inner square.

What is the length of one side of the outer square?

How do you know? What do you notice?

Small square = 16 cm

Large square = 64 cm

Length of one of the outer sides is 8 cm, because 64 is a square number.

Game time!

http://www.math-play.com/Division-Millionaire/division-millionaire-game_html5.html