Maths - Week 1 Wednesday, Thursday, Friday January 2021

Year 5 Home Learning

Wibsey Primary School

TTRS - Wednesday 6th January

Get yourselves logged onto TTRS. You all should have a login. Have a go at Sound Check.

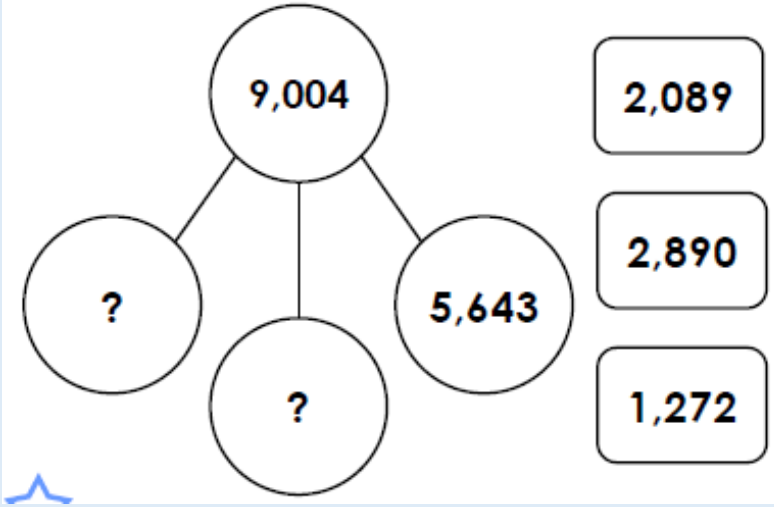
Multi step problems - 6th Jan

Answer the questions into your books

Hard

Which 3 of the bottom numbers do you add together to make the top final one?

1a. Use the cards to complete the part whole model.



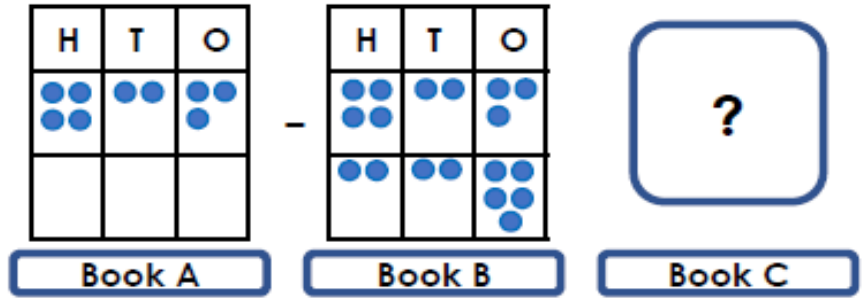
2a. Complete the bar model.

7,429		
1,532	?	965

Harder

2b. Eric has 723 stamps in his collection

Book A has 423 stamps in. Book B has 225 fewer than book A.

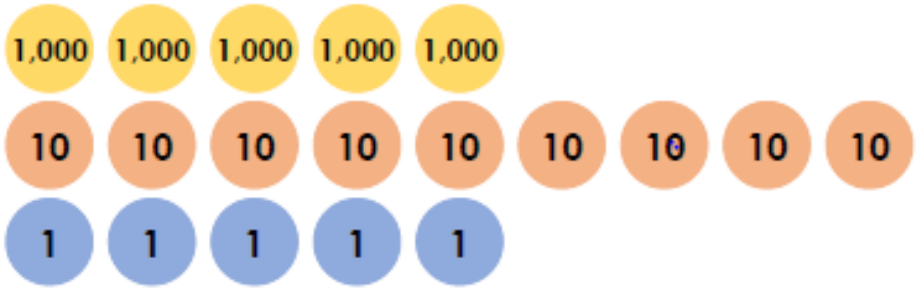


How many stamps are in book C?
Convince me.

Use your knowledge of the 4 operations to answer these questions.

3a. Tony thinks of a number.

After he adds 6,424 and subtracts 2,825, his number is 5,095.



What number did he start with?

Multi step problems-Wednesday 6th Jan Answer the questions into your books

Hardest

1a. A charity want to raise £9,559.

They raise £4,522 in the first month.

They raise two thousand, six hundred and twenty-five pounds less in the second month.

In the third month, they raise £1,540 more than what they raised in the second month.

Does the charity reach their goal?

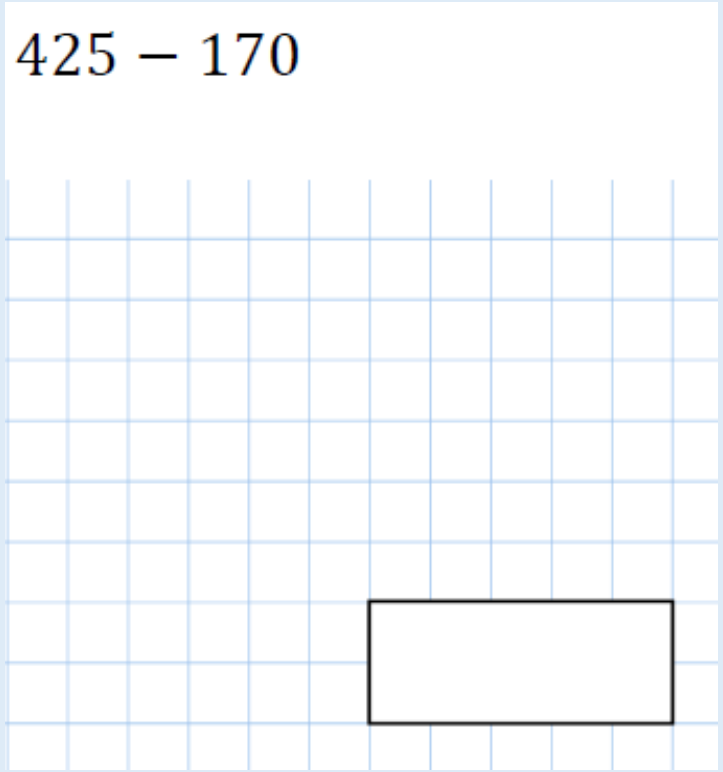
4a. Which of the following cards create a two-step calculation that gives 6,184 as the answer?

+	3,566	4,105
3,688	5,645	−

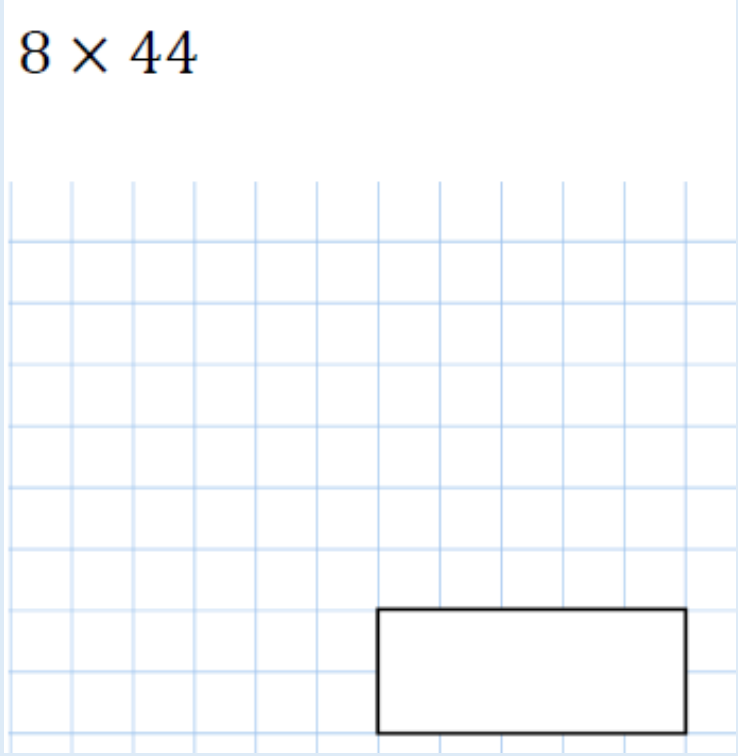
Use your knowledge of the 4 operations to answer these questions.

Arithmetic- Thursday 7th Jan

$425 - 170$



8×44



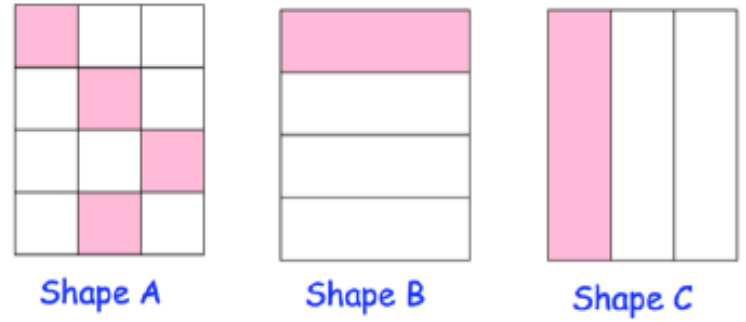
Complete the questions in your book

Arrange these numbers in order, starting with the largest

15,123 15,200 15,032 15,103

Two of the shapes have been shaded so that $\frac{1}{3}$ of the shape is pink.

Which shape has **not** been shaded $\frac{1}{3}$ pink?



10,100 and 1000s- Thursday 7th

Answer the questions into your books

Hard

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

100 ÷ 100
10 x 10
4 x 100
7 x 10
9 x 100

20 ÷ 10
800 ÷ 100
9 x 10

400 ÷ 100
70 ÷ 10
5 x 10

500 ÷ 100
90 ÷ 10
3 x 10

30 ÷ 10
6 x 100
8 x 10
2 x 10

Harder

1.
a) 8 times a number is 200. What is 80 times the number?
b) 6 times a number is 8.4. What is 60 times the number?
c) 70 times a number is 56. What is 7 times the number?
Explain your answers to all parts.

2. 14 x ☐ x ☐ = 1694

The same number is missing from each box. What is the missing number?

TTRS-Friday 8th

Get yourselves logged onto TTRS. You all should have a login. Have a go at Sound Check.

+ and − Fractions-Friday 8th Answer the questions into your books

Look at the grid which has different fractions written on it. Pick two fractions. Add them both and if possible can you switch them around and subtract.

$\frac{9}{12}$	$\frac{5}{16}$	$\frac{3}{5}$	$\frac{4}{6}$	$\frac{2}{3}$
$\frac{8}{10}$	$\frac{7}{9}$	$\frac{11}{8}$	$\frac{3}{4}$	$\frac{15}{12}$
$\frac{5}{6}$	$\frac{4}{5}$	$\frac{15}{9}$	$\frac{5}{8}$	$\frac{9}{10}$
$\frac{14}{8}$	$\frac{20}{16}$	$\frac{1}{4}$	$\frac{2}{6}$	$\frac{14}{12}$
$\frac{7}{4}$	$\frac{12}{9}$	$\frac{17}{10}$	$\frac{5}{3}$	$\frac{8}{5}$

Remember:

When your are adding and subtracting fractions with the same denominator, the denominator stays the same.

When you are adding and subtracting fractions with different denominators, you need to find a common factor and change 1 or both fractions to make the denominator the same.

EXT: Can you create your word problem using fractions?

Arithmetic-Friday 8th

$3.4 + 5.8$

The numbers in this sequence increase by the same amount each time.

Find the missing numbers

□ 73 88 □ 118

Complete the questions in your red book

16×100

How much money does Dylan have?

Operation poster-Friday 8th complete into your books

Your task is to complete a poster showing everything you know about addition and subtraction. This could be using pictures, diagrams, explanations and methods etc. Be creative!