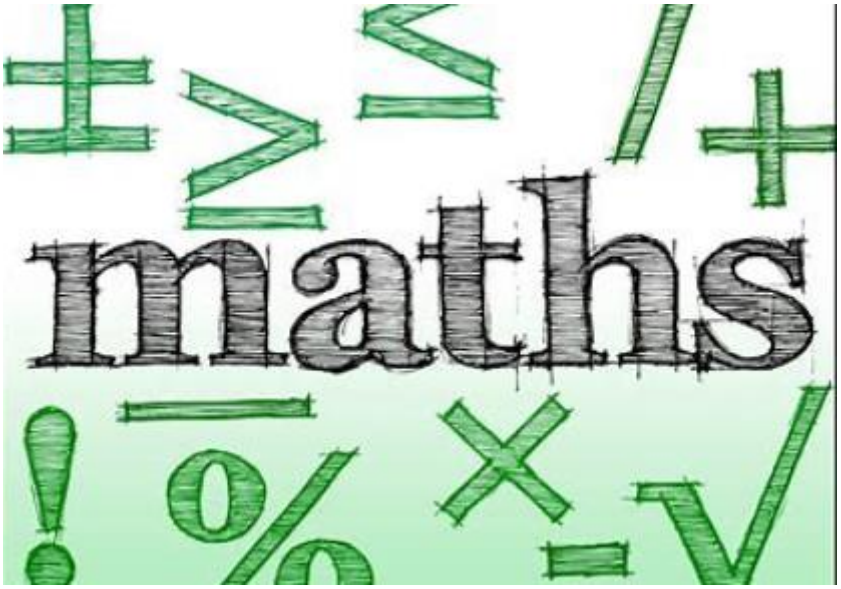
Maths

Maths at Beech Hill has looked very different over the last few months. Lots of our lessons and teaching ideas have been shared with families via Seesaw and children have been working really hard at home to complete a range of different activities to a high standard. Some year groups have had children in school for the last few weeks so have been joining in with some maths in class. Other year groups have been learning maths via Zoom! Parents have done a great job in facilitating their children's learning at home in lots of creative ways! Have a look at the amazing work that children from Two Year Old Nursery all the way to Year 6 have been producing.

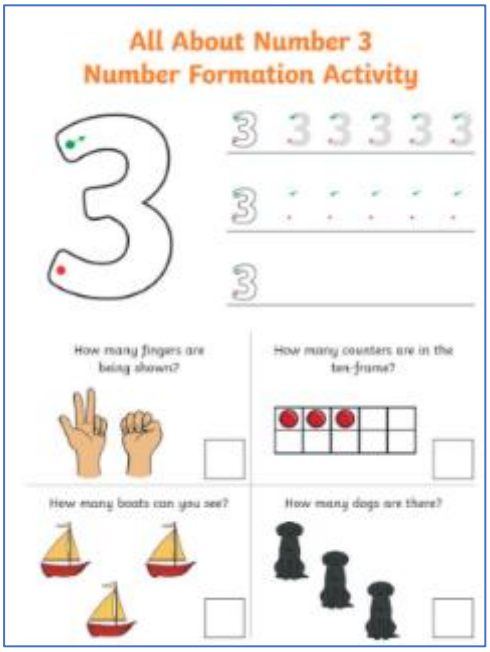


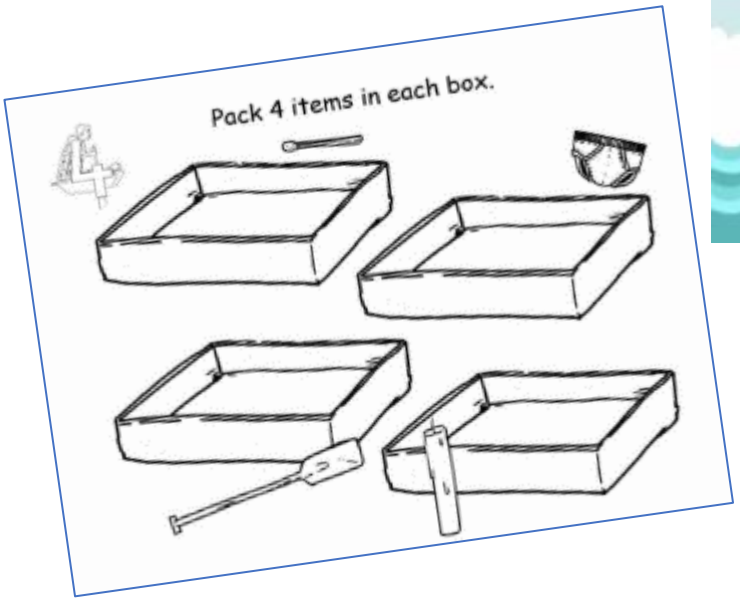
Two Year Olds and Nursery

Number Challenges:

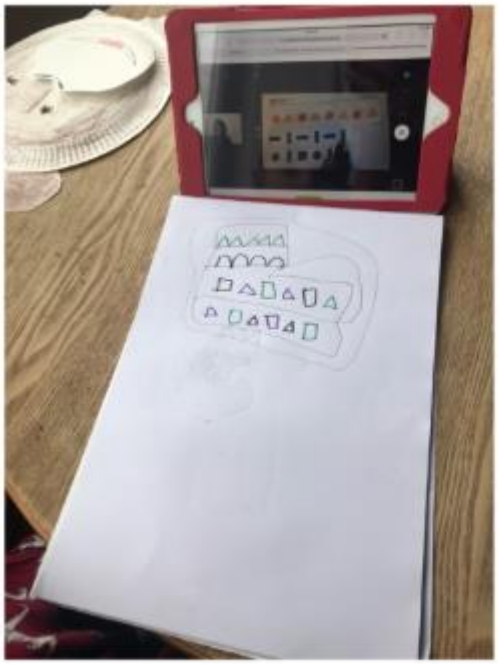
For the this week we will be continuing to focus on the number 1. This week I would like you to.

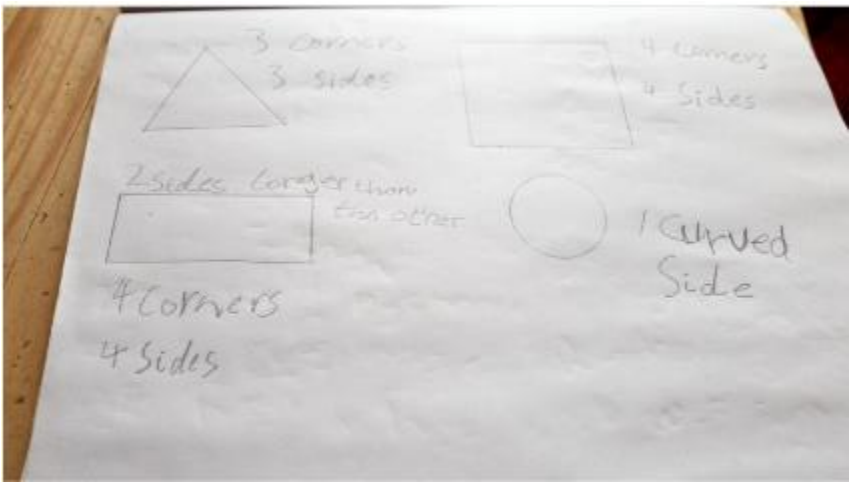
- Watch the **'King 1'** video again and try to join in.
- Can you show me 1 finger?
- Can you go on a number 1 hunt either around the house or in your local area? What things have a number 1 on them?
- Can you count out one object from a larger group? (Give your child a few pieces of lego, pasta etc, ask them to give you one?





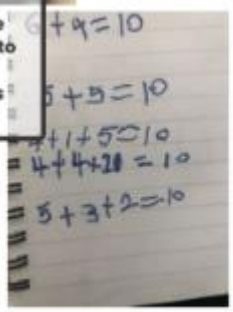
Reception



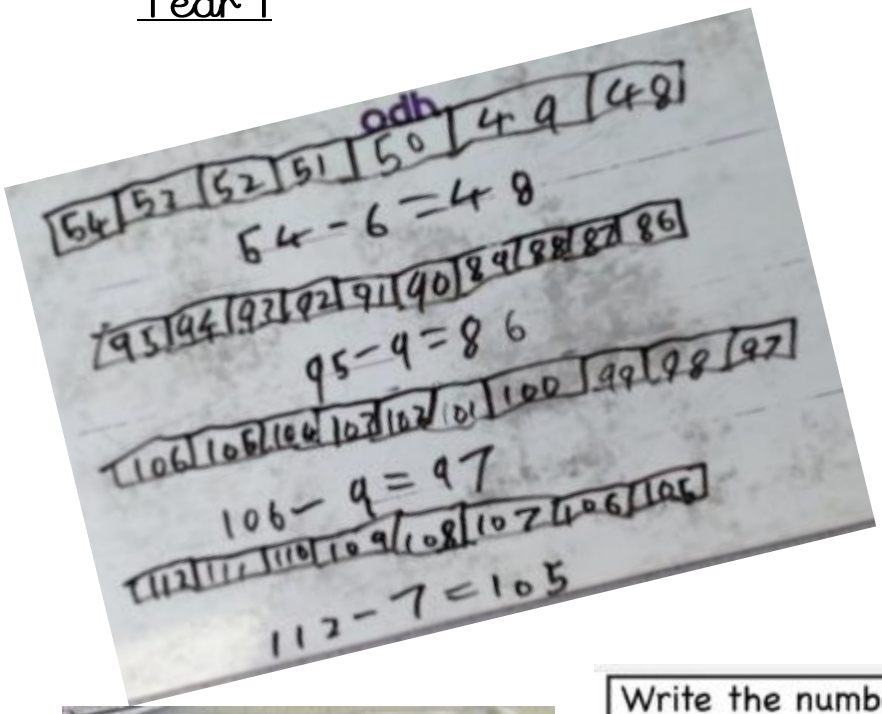


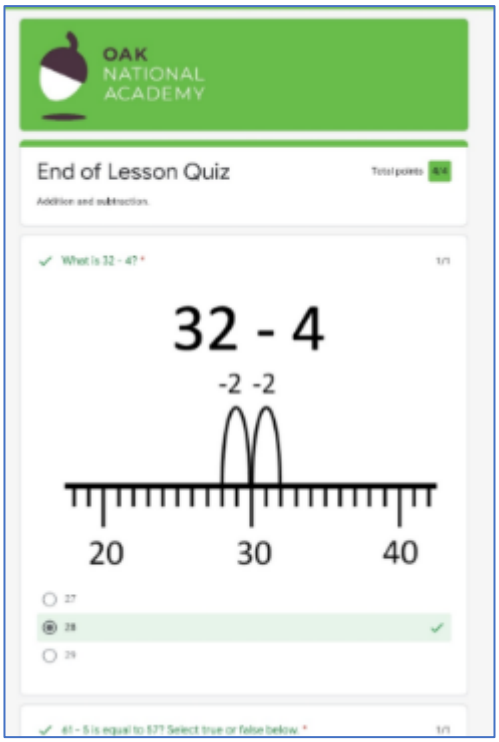
I have done a pattern using triangle and a square

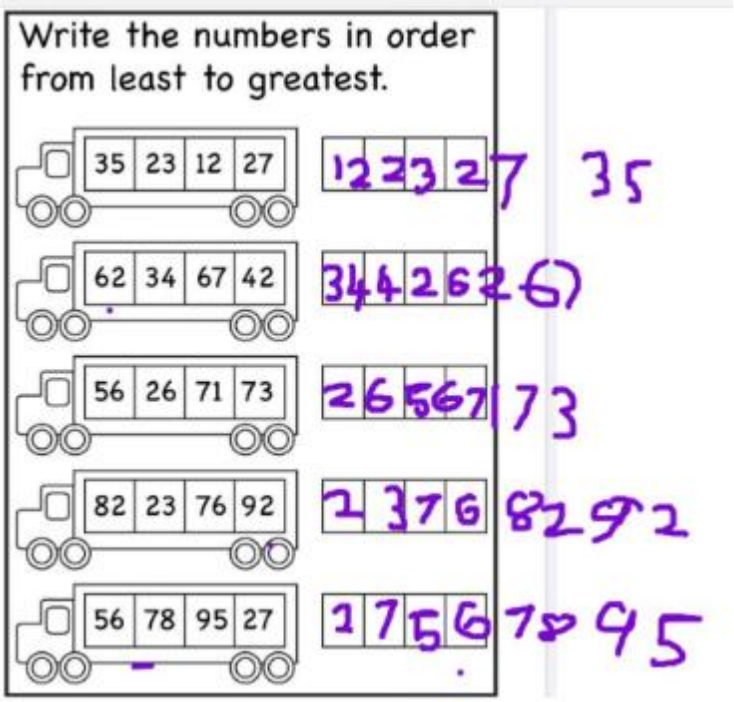
I have completed the activity trying to make 5 in different ways and 10

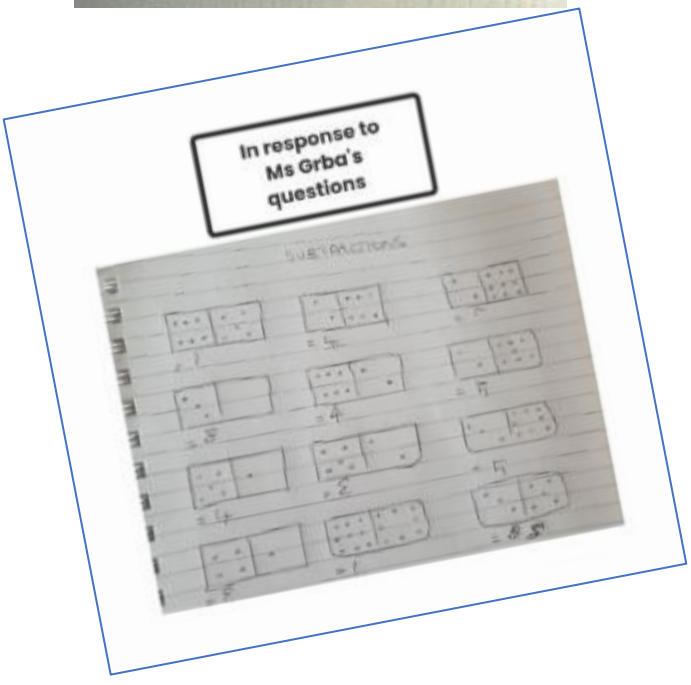


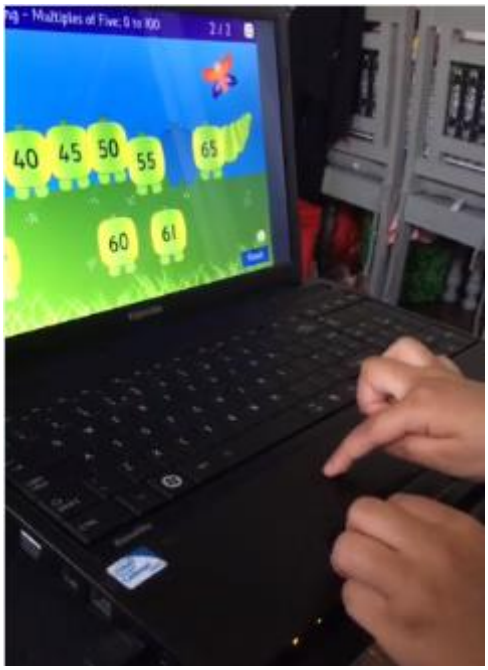
Year 1


odh
54 - 6 = 48
95 - 9 = 86
106 - 9 = 97
112 - 7 = 105

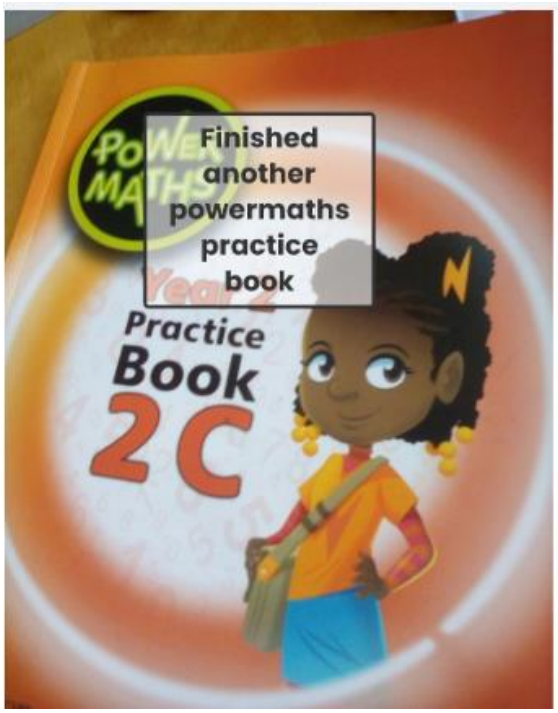

OAK NATIONAL ACADEMY
End of Lesson Quiz
32 - 4
-2 -2
20
30
40

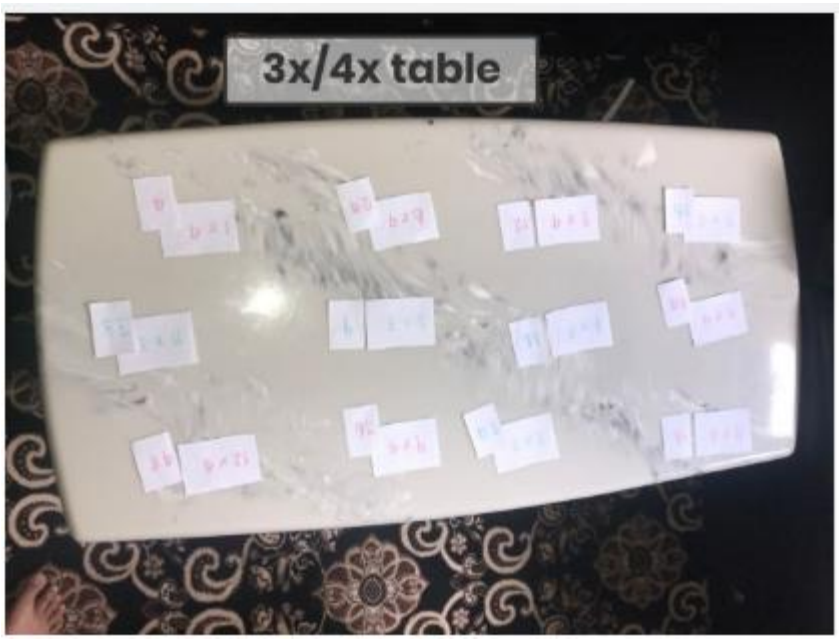

Write the numbers in order from least to greatest.
35 23 12 27
12 23 27 35
62 34 67 42
34 42 62 67
56 26 71 73
26 56 71 73
82 23 76 92
23 76 82 92
56 78 95 27
27 56 78 95

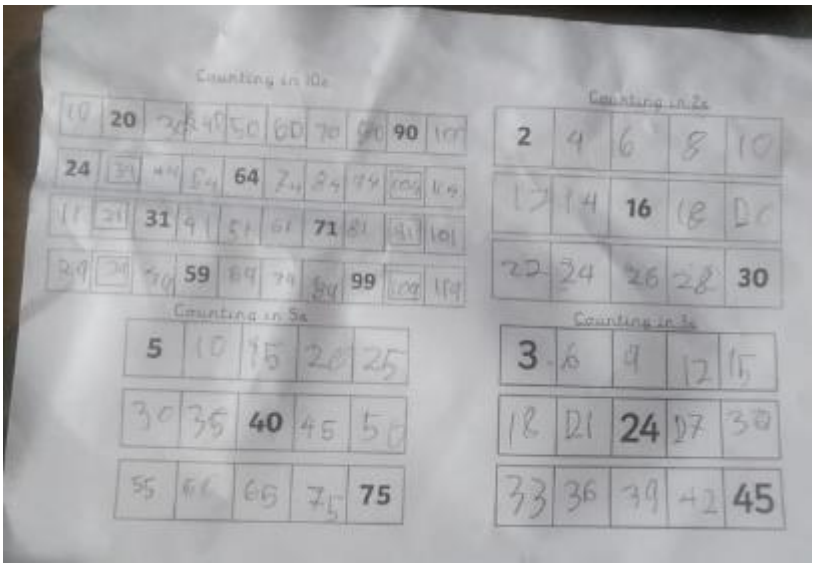

In response to Ms Grba's questions

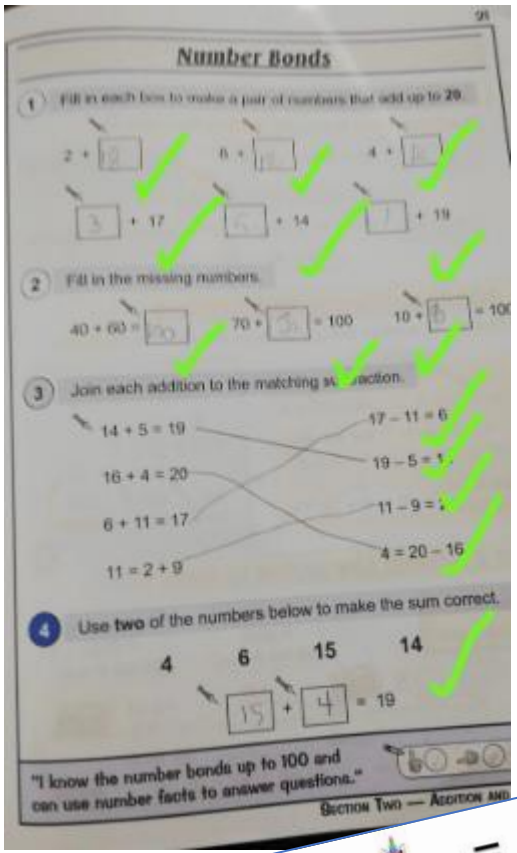

40
45
50
55
65
60
61

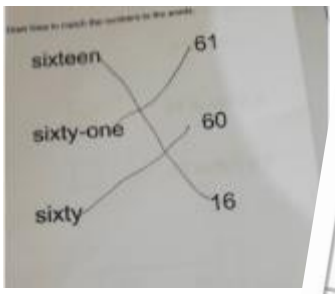
Year 2

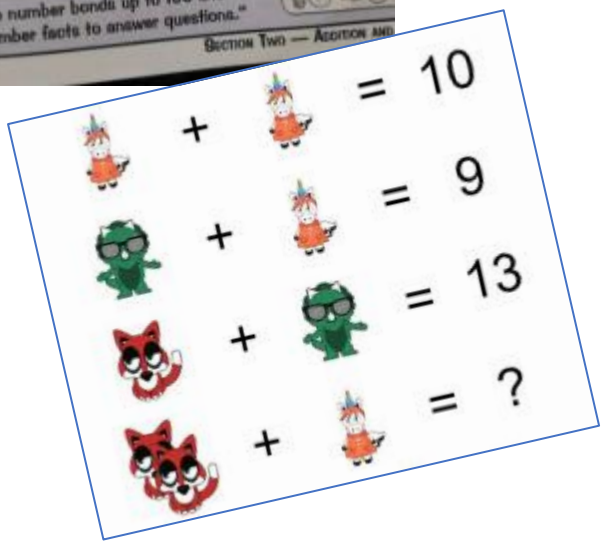

Finished another powermaths practice book
Practice Book 2C

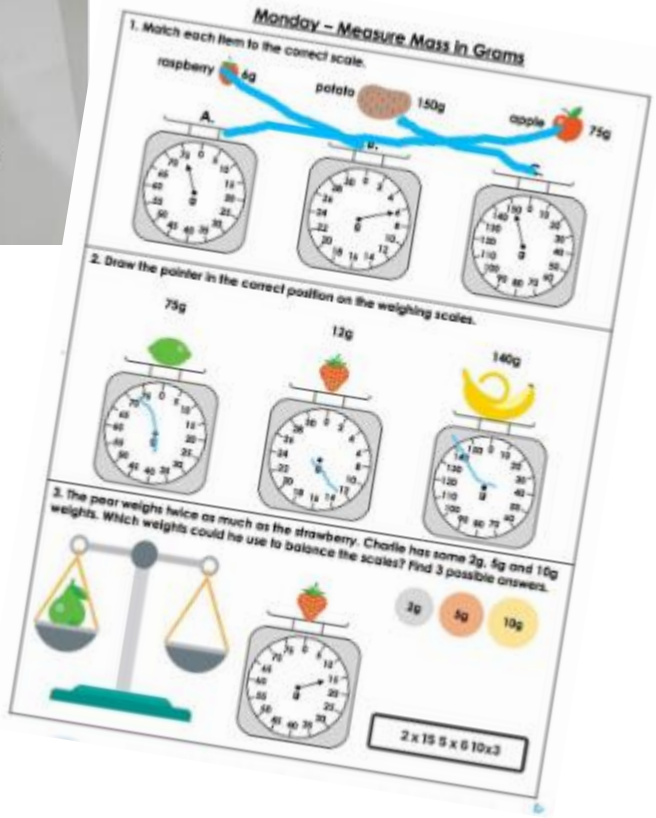

3x/4x table



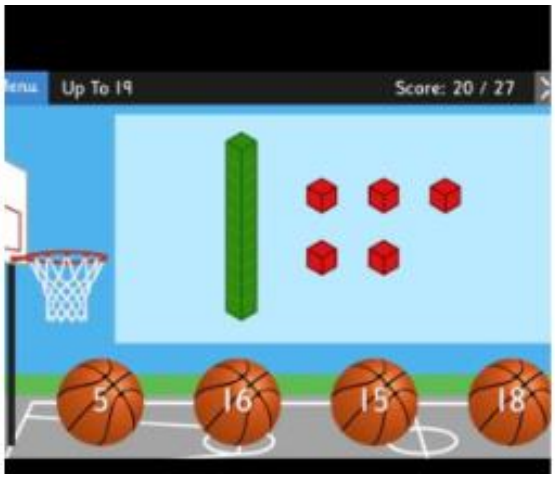

Number Bonds
Fill in each box to make a pair of numbers that add up to 20.
Fill in the missing numbers.
Join each addition to the matching subtraction.
Use two of the numbers below to make the sum correct.
4 6 15 14
"I know the number bonds up to 100 and can use number facts to answer questions."

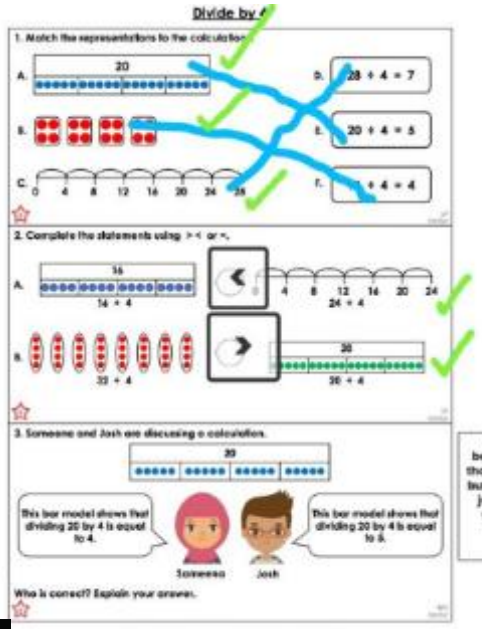

sixteen
sixty-one
sixty
61
60
16




Monday – Measure Mass in Grams
1. Match each item to the correct scale.
raspberry 6g
potato 150g
apple 75g
2. Draw the pointer in the correct position on the weighing scales.
75g
12g
140g
3. The pear weighs twice as much as the strawberry. Charlie has some 2g, 5g and 10g weights. Which weights could he use to balance the scales? Find 3 possible answers.
2g
5g
10g
2 x 15 5 x 6 10x3

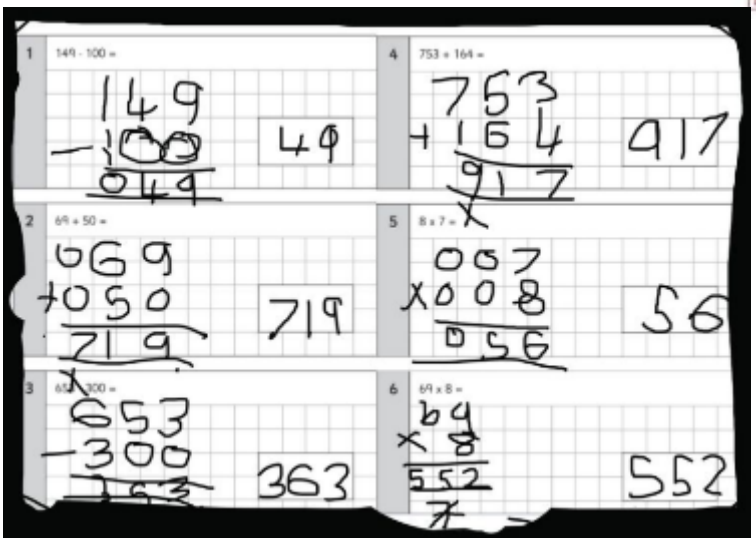
Year 3

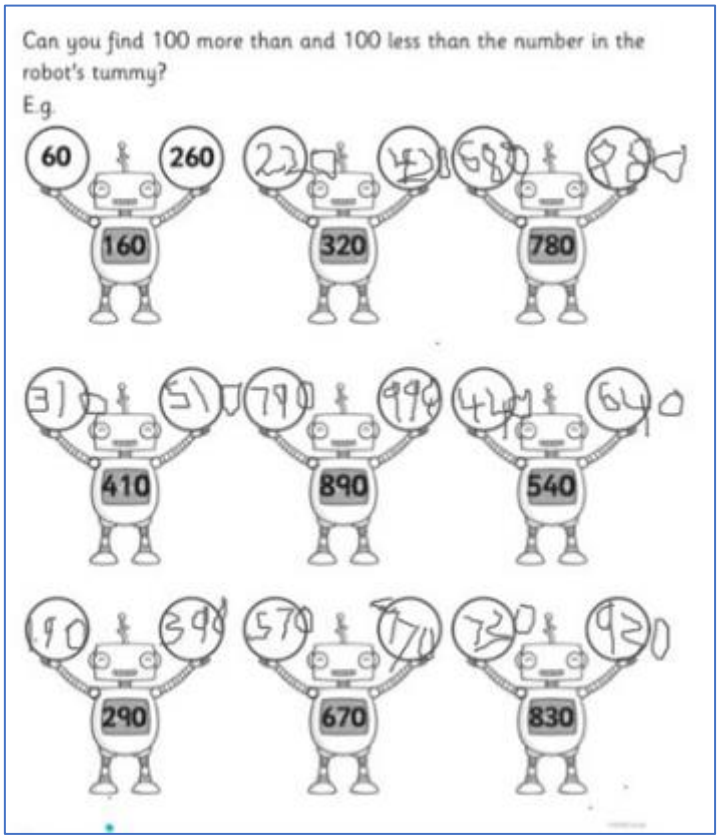


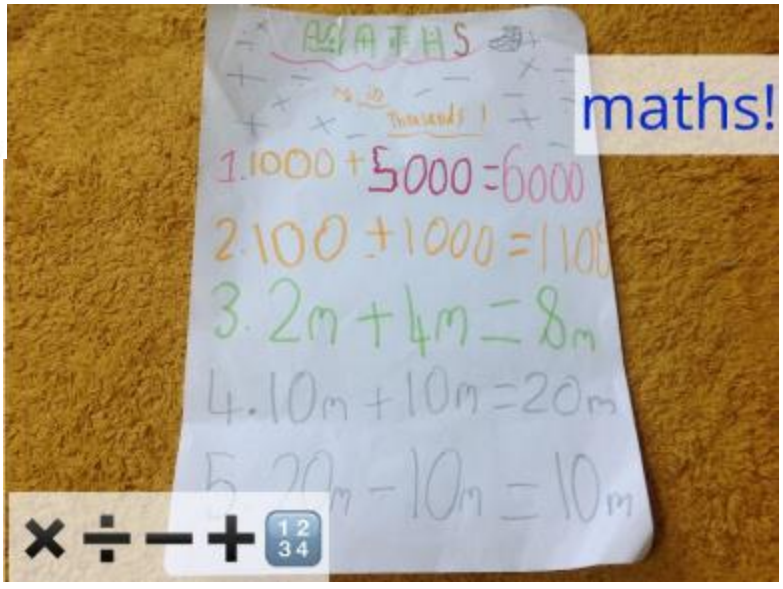


What has Josh split the bar model up into? Why is he correct?

Josh is correct because someone thought it was times but it was divide but josh did dived so then he got the answer right

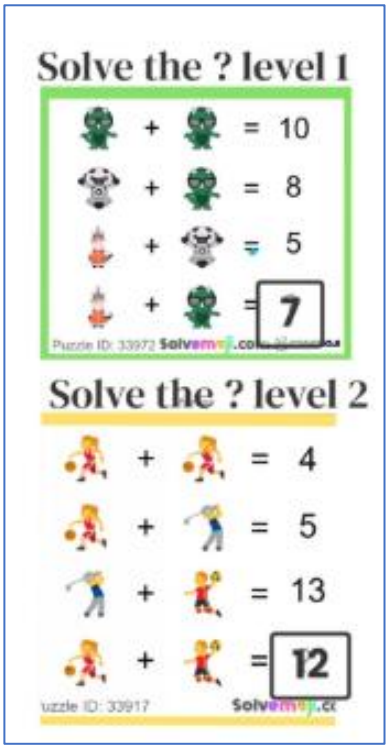




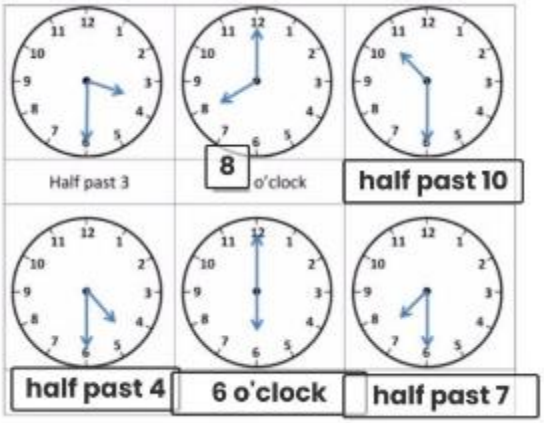


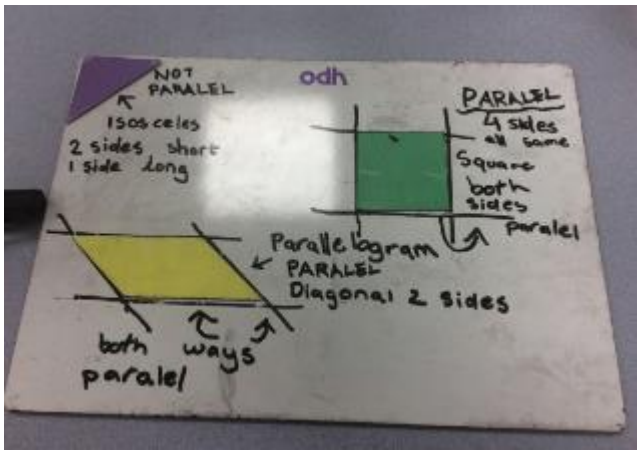
Year 4

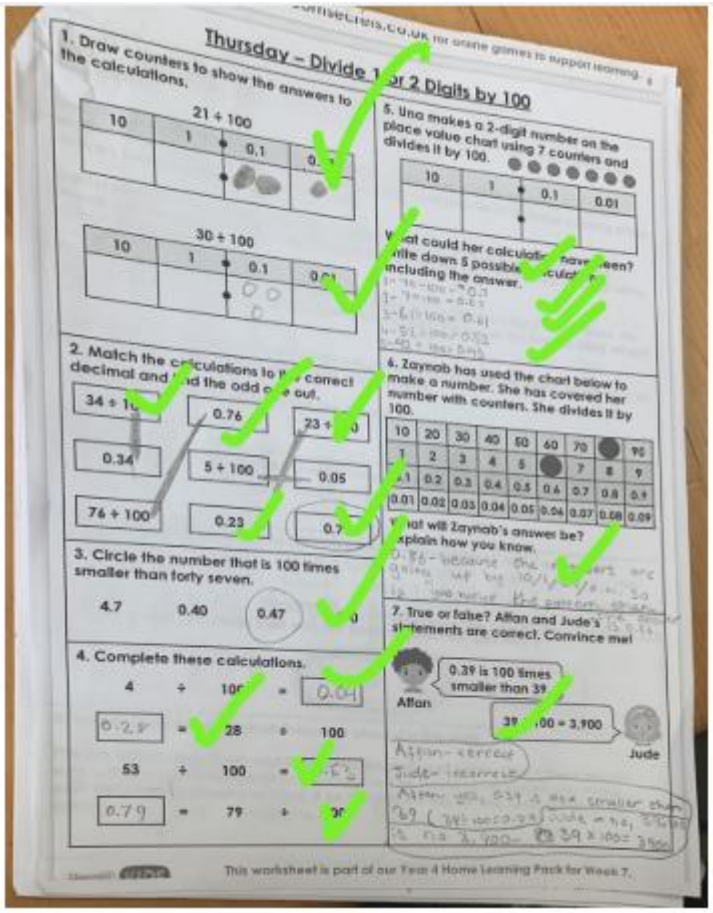

Bake it!
#MathsEveryoneCanAtHome
When we are using recipes, sometimes we want to adapt the recipe to make more buns or fewer buns.
Can you adapt our recipe to make 5, 15 or 20 chocolate crispy buns?
Can you estimate how many individual rice krispies/cornflakes you've used?
Use sweets to decorate your buns. Work out what fraction of each colour of sweet you have used e.g. 7/20 pink sweets
Don't forget to share your photos!
White Rose Maths


Solve the ? level 1
+ = 10
+ = 8
+ = 5
+ = 7
Puzzle ID: 33972
Solve the ? level 2
+ = 4
+ = 5
+ = 13
+ = 12
uzzle ID: 33917


Solve what the ? Means
The ? Means 6
+ = 4
- = 1
+ = 7
+ = ?
Puzzle ID: 33907
Solvemoji.com
2+2=4 so each clown is 2
3-2=1 the alien i is 3 and the clown is 2
4+3=7 so the alien is 3 and the devil is 4
The devil l is 4 and clown is 2

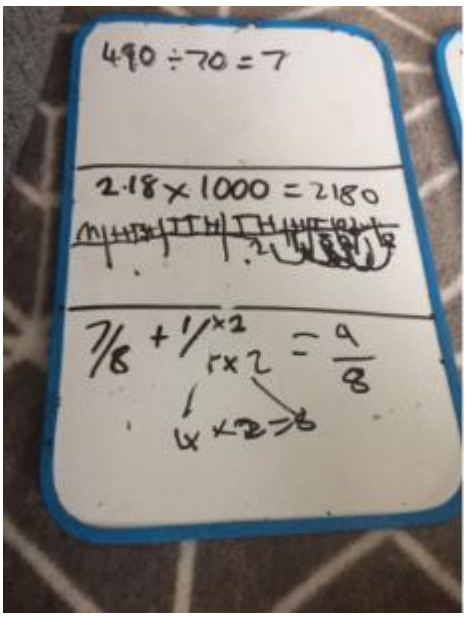

Half past 3
8 o'clock
half past 10
half past 4
6 o'clock
half past 7

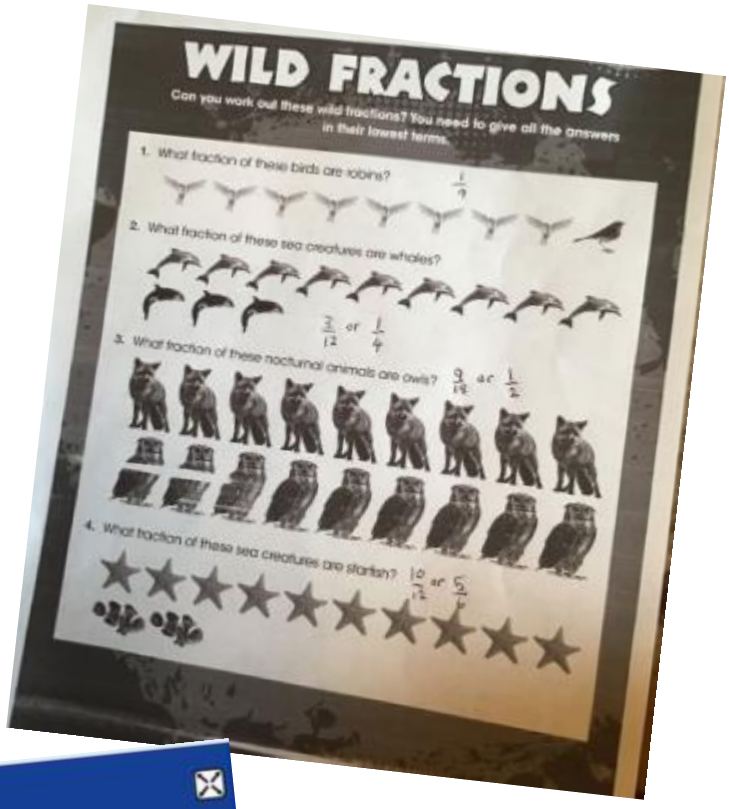

NOT PARALEL
odh
Isosceles
2 sides short
1 side long
PARALEL
4 sides
all same
Square
both sides
Paralel
Parallelogram
PARALEL
Diagonal 2 sides
both ways
paralel

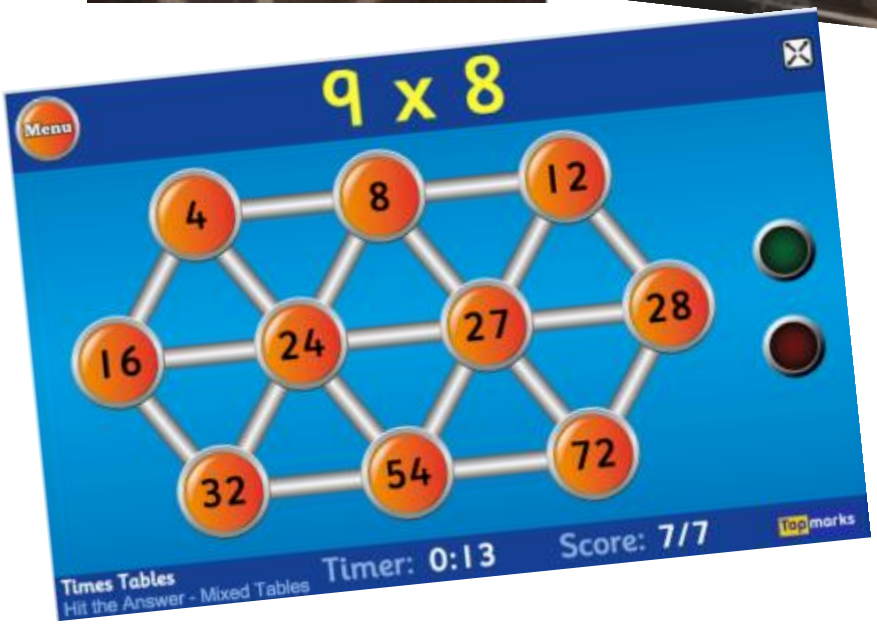

Thursday – Divide
1. Draw counters to show the answers to the calculations.
21 ÷ 100
30 ÷ 100
2. Match the calculations to the correct decimal and find the odd one out.
34 ÷ 100
0.34
76 ÷ 100
0.76
23 ÷ 100
5 ÷ 100
0.05
0.23
3. Circle the number that is 100 times smaller than forty seven.
4.7
0.40
0.47
4. Complete these calculations.
4 ÷ 100 = 0.04
0.28 = 28 ÷ 100
53 ÷ 100 = 0.53
0.79 = 79 ÷ 100
5. Una makes a 2-digit number on the place value chart using 7 counters and divides it by 100.
6. Zaynab has used the chart below to make a number. She has covered her number with counters. She divides it by 100.
7. True or false? Aftan and Jude's statements are correct. Convince me!
0.39 is 100 times smaller than 39
Aftan
Jude
This worksheet is part of our Year 4 Home Learning Pack for Weeks 7.

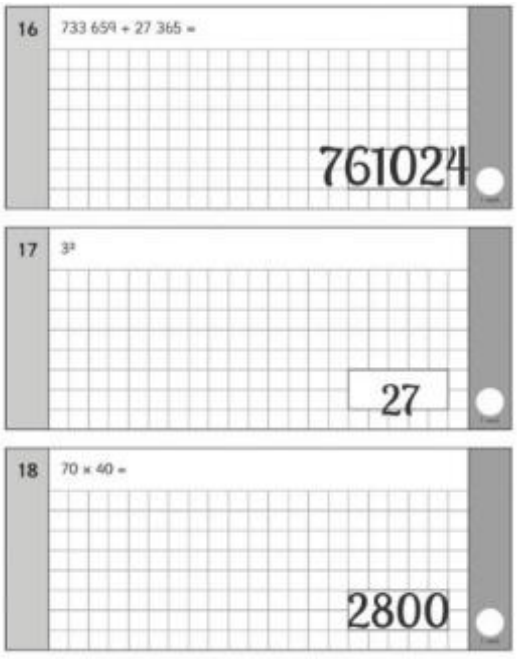

Right Angled triangle
Parallelogram
Isosceles triangles
5 quare

Year 5









Miss Jordan's Zoom group maths homework

Add fractions with the same denominator

a) $\frac{4}{7} + \frac{2}{7} =$ 6/7 ✓

b) $\frac{4}{7} + \frac{3}{7} =$ 7/7 ✓ 1 ✓

c) $\frac{4}{7} + \frac{4}{7} =$ 8/7 = 11/7 ✓

d) $\frac{8}{7} - \frac{3}{7} =$ 5/7 ✓

e) $\frac{7}{9} + \frac{8}{9} =$ 17/9 = 18/9

$$\frac{3}{5} + \frac{1}{5} =$$

That's easy, 3 + 1 is 4 and 5 + 5 is 10 so the answer is $\frac{4}{10}$

Miss Whitton Do you agree with Rosie? Explain your answer.

Asim Ali It is wrong because for this you only add the numerator not the denominator so its 4/5

Zara Khan No I do not agree because although she has got the numerators right she is incorrect with the denominators as you don't have to add them, they stay the same

Miss Whitton Well done, Asim and Zara! You've both used some great mathematical vocabulary.

Skye Goddard I do not agree because they can stay the same because you don't need to add them both

Year 6

Monday – Introducing the Ratio Symbol

1. Look at the set of objects below and complete the statements, using the ratio in its simplest form.

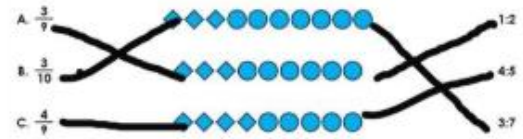
A. For every 6 squares, there are 8 circles and 2 triangles.

B. The ratio of squares to circles is 6:8.

C. The ratio of circles to triangles is 8:2.

D. The ratio of squares to circles to triangles is 6:8:2

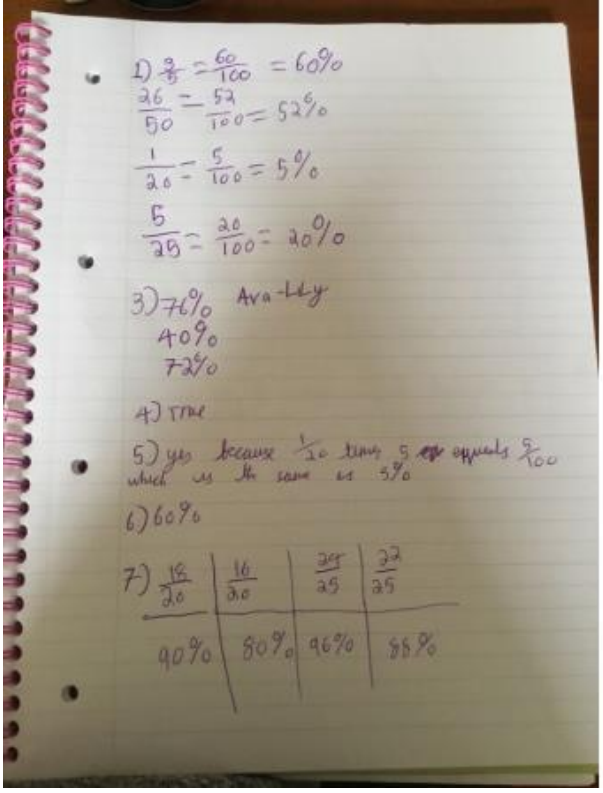
2. Draw a line to match each image with the fraction of squares it contains, and the ratio of the two shapes represented.



3. Use the digit cards to write a ratio to match the given picture. Write the statement to go with it.

1 2 3 4 5 6 7 8 9

The ratio of strawberries to pears to oranges is 4 : 6 : 2



22. Square & Cube Numbers

Calculations

1) Work out:
a) 4^2 16 b) 7^2 14 c) $5^2 - 1$ 24 d) $6^2 - 3^2$ 27

2) Which two of these statements are true?

$2^3 = 16$ $3^3 = 9$ $4^3 = 64$ $5^3 = 125$

3) Roopesh says, "eight squared is sixty four, so eighty squared must [illegible] forty." Do you agree? Explain your answer.

No, as 80 * 80 is 6400 because there are two zeros in two 80's

4) How many numbers between 0 and 50 are:
a) square numbers? 7 b) cube numbers? 3

CHALLENGE

The sum of a square number and a cube number is 17.
Which numbers could it be? Is there more than one answer?

4 squared and 1 cubed, there is more than 1 answer e.g 3 squared and 2 cubed

Tricky/GD maths question!

I would advise using a bar model to try and work this out!

Mo is reading a book.

- On Monday he reads 2/5 of the book.
- On Tuesday he reads 1/2 of the remaining pages.
- On Wednesday he reads 5/9 of the remaining pages.
- On Thursday he reads the rest of the book.

Mo read 68 more pages on Tuesday than Wednesday.

How many pages are there in the book?

68÷4=17×3=51

51×10=510

The answer is 510

GD Emoji Maths Challenge!

100