Dear All,

Please find this week's lessons and answers below. The lessons are a little different, as there is no guided practice for the lessons, however, there is a brief overview provided as we are now consolidating. There is input available – these are either from Mymaths lessons or short videos.

Week 12

Hi Kids!

We will be spending the next three weeks looking at consolidating our year 4 maths. The lessons will look different from before and will be Ha mixture of mymaths, websites, work and questions.

If you need a quick reminder then click on the link below for a quick update and have a go at the quizzes.

https://www.bbc.co.uk/bitesize/topics/zsjqtfr

Lesson 1 – Monday 29th June 2020

Place Value.

Please complete the MyMaths lesson in this order, remember, do the lesson before you complete the homework.

https://app.mymaths.co.uk/38-lesson/counting-4

https://app.mymaths.co.uk/70-lesson/solving-problems-by-rounding

https://app.mymaths.co.uk/71-lesson/rounding-to-10-100

Lesson 2 – Tuesday 30th June 2020

Look at the images below as a reminder of what we have already worked on in year 4.

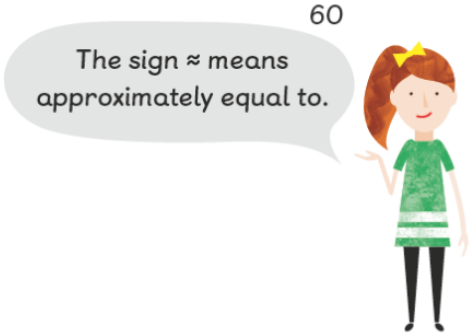
The handbag cost £58.

58 is between 50 and 60.

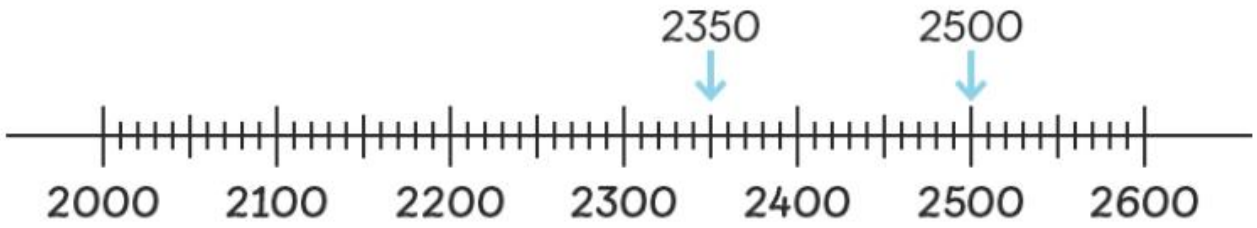
58 is closer to 60 than to 50.

58 is **approximately** equal to 60.
58 ≈ 60 (to the nearest 10)

The handbag cost about £60.



We can also compare using a number line.



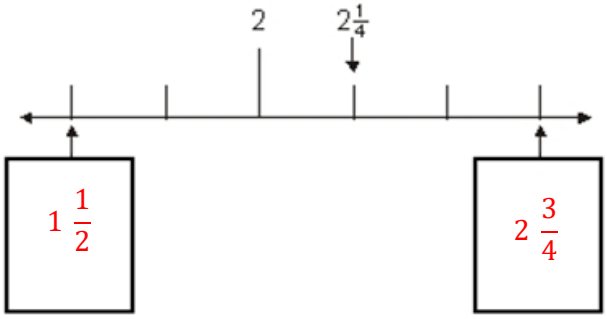
Use these images as a reminder about drawing number lines and how we round up or down.

Today we are looking at place value on number lines. Complete the blue questions, then try the yellow question. Number the work in your books or on a piece of paper and then write you answers.

1.

Here is part of a number line.

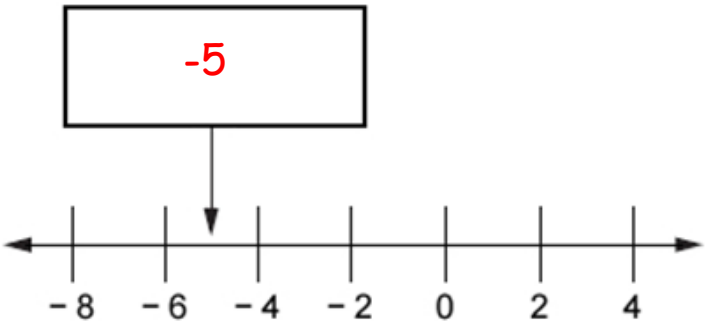
Write in the two missing numbers.



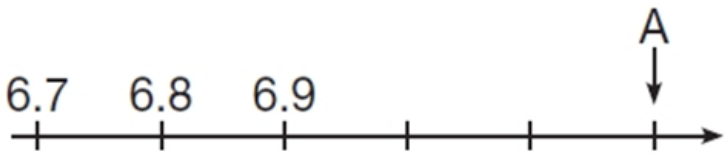
2.

Here is part of a number line.

Write the number shown by the arrow.



3.

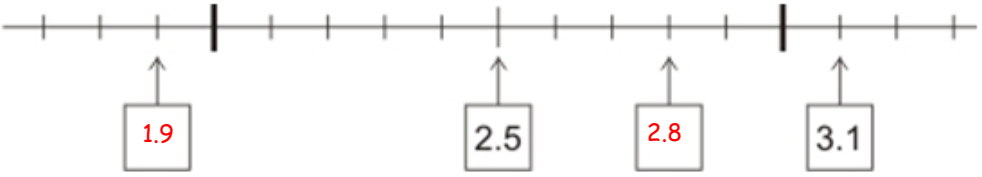


7. 2

What number is marked at A?

4.

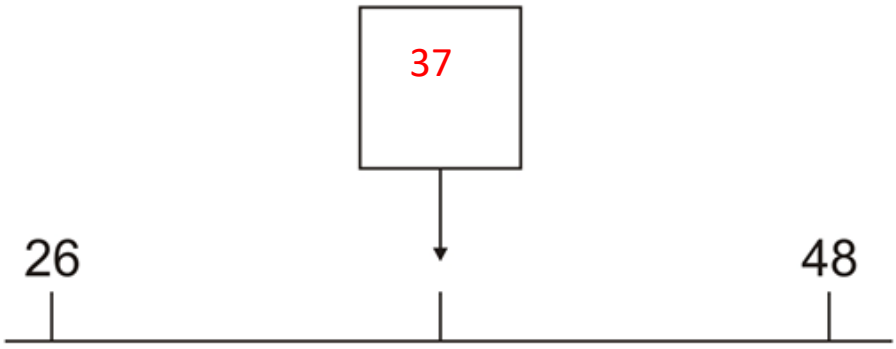
Write the missing numbers in the boxes



5.

Work out the number halfway between 26 and 48

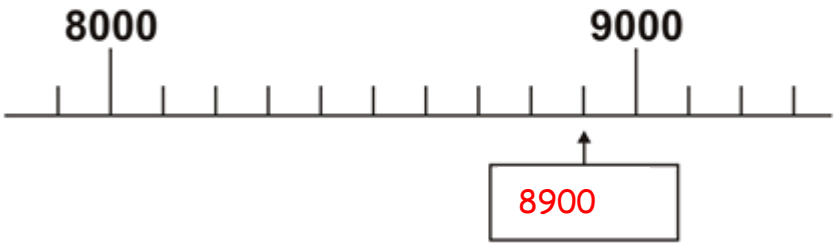
Write it in the box



6.

Here is part of a number line.

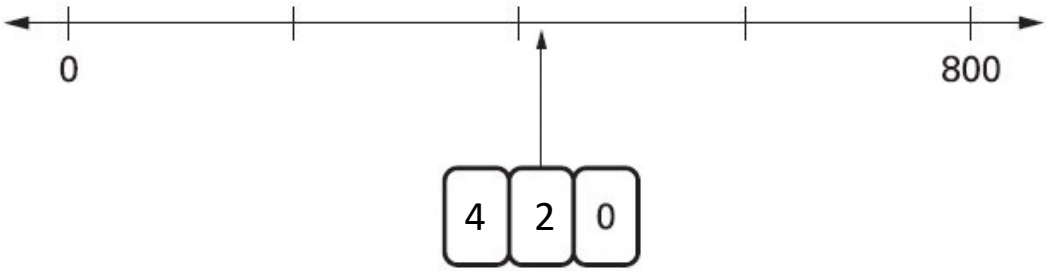
Write in the number indicated by the arrow.



7.

Here are four digit cards.

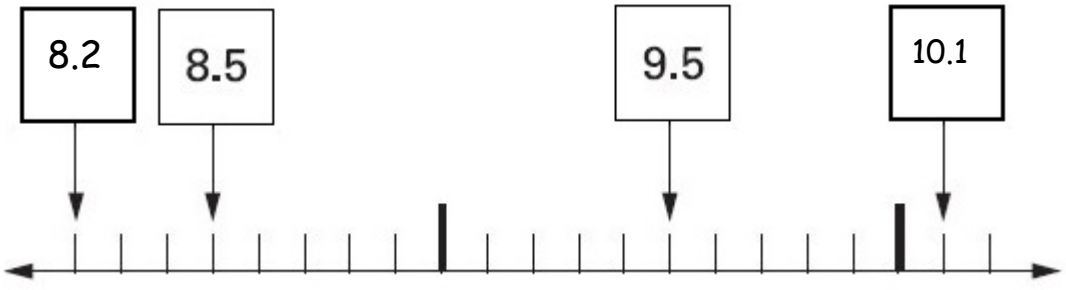
Use **two** of the four cards to make the number on the number line.



8.

Here is part of a number line.

Write in the numbers missing from the **two** empty boxes.



Yellow question. **Prove you answer with a number line.**	Whitney says:  Do you agree with Whitney? Explain why. I don't agree with Whitney because 847 rounded to the nearest 10 is 850. I know this because ones ending in 5, 6, 7, 8 and 9 round up.

Lesson 3 – Wednesday 1st July 2020

Today we are looking at ordering and comparing our numbers. Look at the images in each question carefully.

1.

Write these temperatures in order from hottest to coldest.

92°C

37°C

–12°C

73°C

12°C

–2°C

92°C _____ hottest

73°C _____

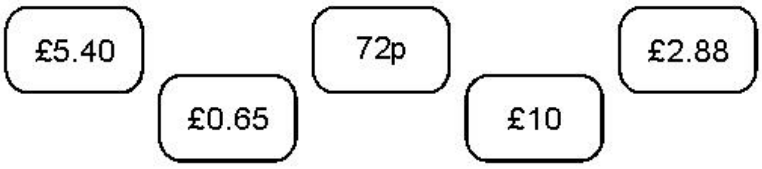
37°C _____

12°C _____

-2°C _____

-12°C _____ coldest

2.



Write these amounts of money in **order of size**, starting with the **smallest** amount.

£0.65 | 72p | £2.88 | £5.40 | £10

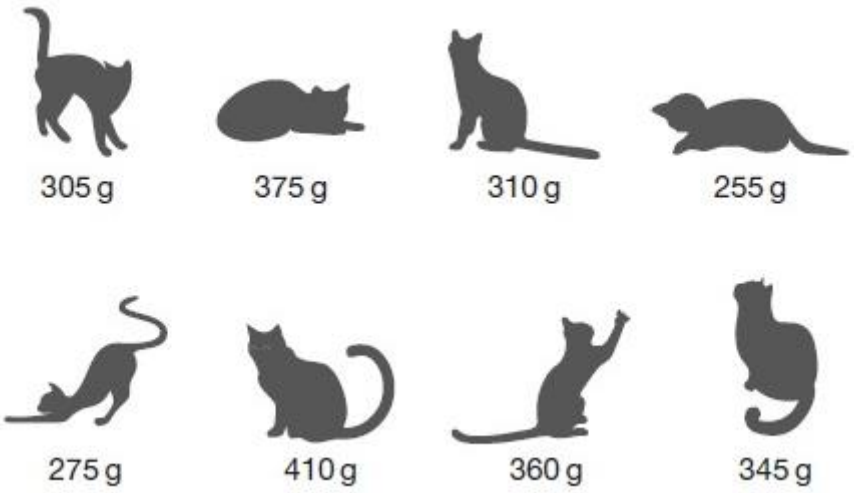
smallest

3.

Write these prices in order, starting with the smallest.

72p	£2.70	£0.27	£7.20	£2.07
£0.27	72p	£2.07	£2.70	£7.20
smallest				

4.



a) Put these kittens in order from **lightest** to heaviest.

b) What is the difference in mass between the heaviest kitten and the lightest kitten in g?

a) 255g, 275g, 305g, 310g, 345g, 360g, 375g, 410g
b) 410g – 255g = 155g

5. The masses of the kittens, in question 4, are put in four groups. Write the missing numbers in the table. One has been done for you.

Mass in g	Number of kittens
250-299	**2**
300-349	**3**
350-399	**2**
400-449	1

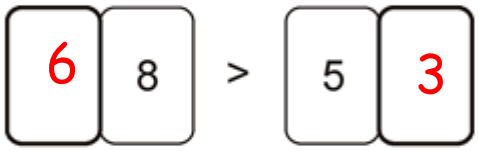
6.

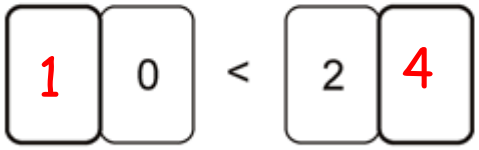
20,999 → is 1000 more than → 19 999

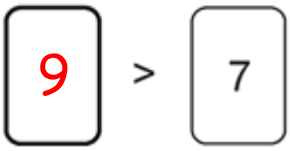
39 001 → is 1000 more than → 38,001

7. Here are five digit cards.

Use each card **once** to complete the statements below.







8. Use these signs.

= < >

Write the correct signs in the boxes.

4	×	4	=	2	×	8
8	×	7	>	9	×	6
5	×	7	>	5	×	5
10	×	6	=	6	×	10

Yellow question. Remember, you need to show how you came up with your answers.	I am thinking of a number. It is greater than 3,000, but smaller than 5,000 The digits add up to 15 What could the number be? Write down as many possibilities as you can. The difference between the largest and smallest digit is 6. How many numbers do you now have? I have 13 numbers: 3,228 3,282 3,822 4,560 4,650 4,506 4,605 3,660 3,606 3,147 3,174 3,417 3,471

Lesson 4 – Thursday 2nd July 2020

Today's questions are all about rounding. If you are stuck today then go back to your Mymaths lessons to remind yourself.

1. Which of these numbers give **80** when **rounded** to the **nearest 10**?

Circle all the correct numbers.

84 87 72 76 90

2. Here are three bags in a shop

A £11.50 B £14.65 C £16.50

How much does bag B cost to the nearest pound?

£15.00

3. Amy chooses two of these cards.

11	23	33	43

She adds the numbers on her two cards together.
She rounds the result to the nearest 10

Her answer is 60

Which two cards did Amy choose?

23 **AND** 33

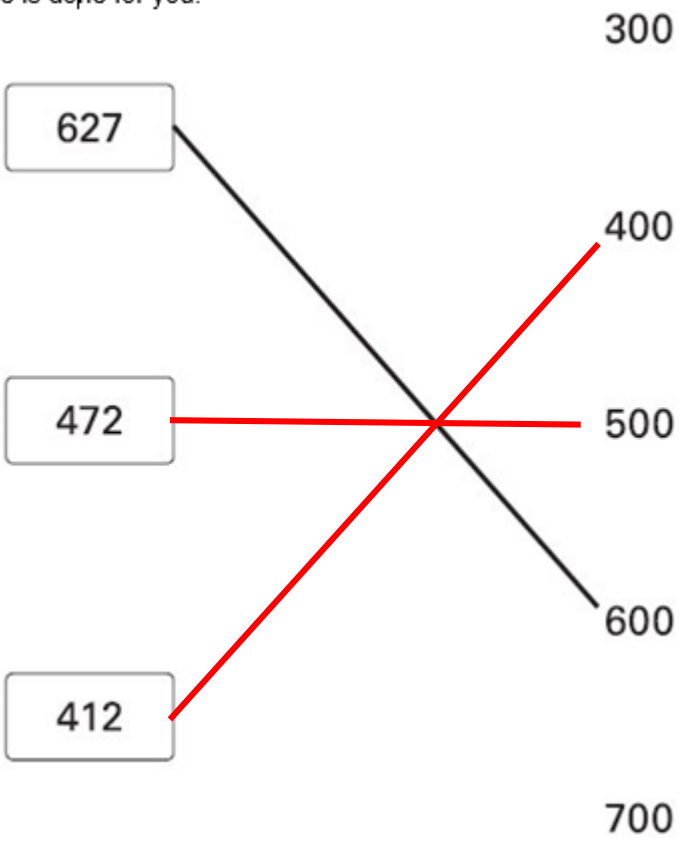
Numbers may be given in either order.

4. Circle the number closest to 100

70 120 85 111 909

5. Round each number in a box to the nearest 100

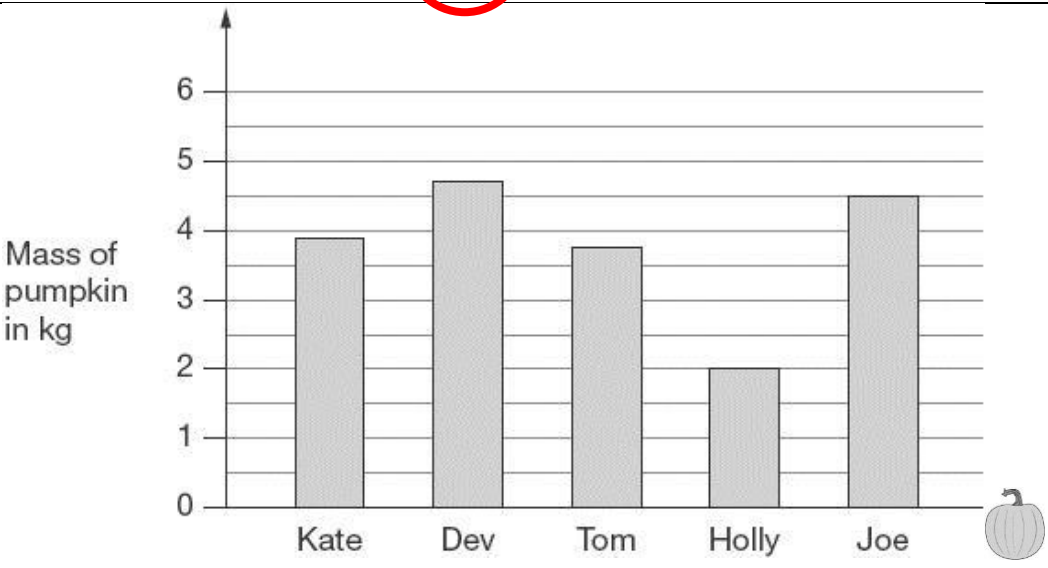
One is done for you.



6. Circle the number, which is **nearest in value to 750**

570 699 810 852 1050

7.



Five children grow pumpkins.
This bar chart shows how heavy their pumpkins are. What is the mass of Dev's pumpkin to the **nearest kilogram**? 5 kg

8.	Round the following numbers. **540** to the nearest 100 — 500 **236** to the nearest 10 — 240 $1\frac{3}{4}$ to the nearest whole number — 2

Yellow question. Don't forget – say how you know when you've got them all.	A whole number is rounded to 370 What could the number be? Write down all the possible answers. 370 365 366 367 368 369 370 371 372 373 374

Lesson 5 – Friday 3rd July 2020

Today we are looking at how place value works in various types of questions and missing numbers. Complete the blue questions below then have a go at the yellow question.

1.

Look at this number.

24.65

Circle the number below that shows the value of the 6.

60 $\frac{6}{10}$ $\frac{6}{100}$ 6 600

2.

The ancient Egyptians used pictures to show numbers.

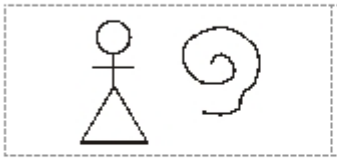
The table gives some of these pictures.

Write in figures the number that each picture below is showing.

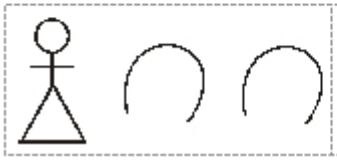
Number	Picture
one	
ten	
one hundred	
one thousand	

This one has been done for you

12



1100



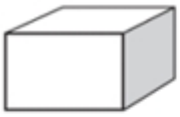
1020

3. Look at these digits.

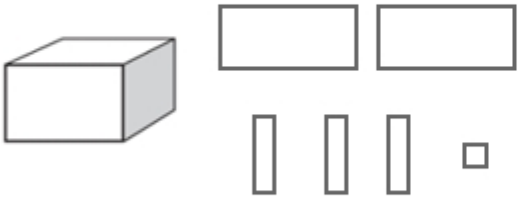
Use the digits to make the largest possible **even** number.

Use each digit once.

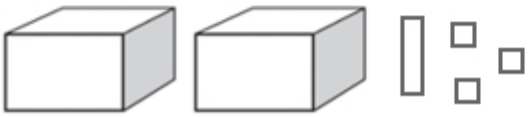
7,538

4.  = 1000  = 100  = 10  = 1

Write the value of each diagram.

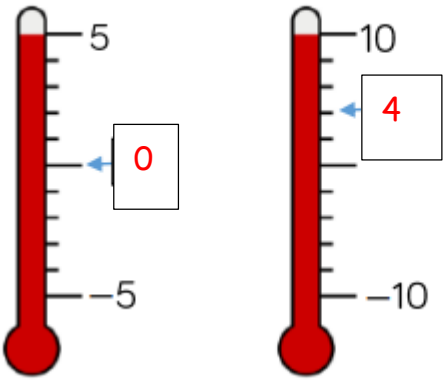
 =

1,231

 =

2,013

5. Fill in the missing temperatures on the thermometers.

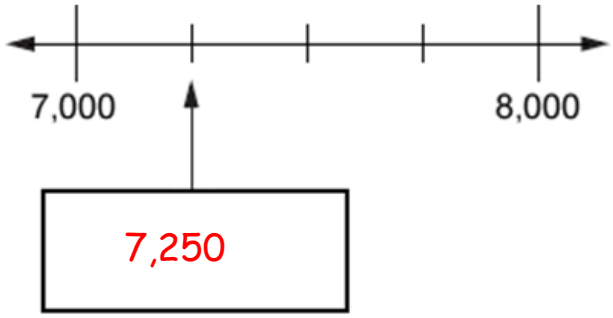


6. Complete the number tracks

25	50	75	100	125	150	175	200	225	250
750	725	700	675	650	625	600	575	550	525

7. Here is part of a number line.

Write the number shown by the arrow.



8. 1 3 5 7 9

Use **three** of these five digits to make this correct.

550 – ☐ is **less than** 200

Any one of these 3-digit numbers is correct.

539 537 531

519 517 513

397 395 391

379 375 371

359 357 351

Yellow Question. Don't forget to say how you know your answer.	Two different two-digit numbers both round to 40 when rounded to the nearest 10 The sum of the two numbers is 79 What could the two numbers be? Is there more than one possibility? $35 + 44 = 79$ $36 + 43 = 79$ $37 + 42 = 79$ $38 + 41 = 79$ $39 + 40 = 79$