

Day 1Fab four!

1.)  $75\%$  of 240=

2.) perimeter of a regular pentagon when 1 side =2.5cm=

3.)  $(33 + 17) \times 4 =$

4.)  $\frac{3}{4} \times \frac{2}{8} =$

Day 2Fab four!

1.)  $25\%$  of 140=

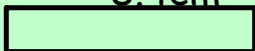
2.) perimeter of a square when 1 side =1.25cm=

3.)  $8 \times 4 + 150=$

4.)  $\frac{1}{4} + \frac{2}{20}=$

Day 3Fab four!

1.)  $7\%$  of 240 =


2.) perimeter =  1.2cm

3.)  $120 \times 10 + 120 =$

4.)  $\frac{3}{5} - \frac{1}{10} =$

Day 4Fab four!

1.)  $33\%$  of 240 =

2.) perimeter =  3.25cm

3.)  $12 + (3 \times 13) =$

4.)  $1 \frac{2}{3} + \frac{1}{6} =$

LO: I can solve mixed problems.

ROMAN NUMERALS			
1 I	11 XI	30 XXX	500 D
2 II	12 XII	40 XL	600 DC
3 III	13 XIII	50 L	700 DCC
4 IV	14 XIV	60 LX	800 DCCC
5 V	15 XV	70 LXX	900 CM
6 VI	16 XVI	80 LXXX	1,000 M
7 VII	17 XVII	90 XC	2,000 MM
8 VIII	18 XVIII	100 C	3,000 MMM
9 IX	19 XIX	200 CC	4,000 M <sup>V</sup>
10 X	20 XX	300 CCC	5,000 V <sup>̄</sup>
		400 CD	10,000 X <sup>̄</sup>

$$L + II =$$

$$X - IX =$$

LO: I can solve mixed problems.

26% of 280

LO: I can solve mixed problems.

What are the formulas for calculating these:

Area of triangle

Area of rectangle

Area of parallelogram

LO: I can solve mixed problems.

What are the formulas for calculating these:

Area of triangle=  $\frac{1}{2}$  base x perpendicular height

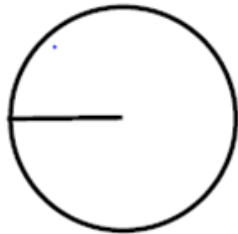
Area of rectangle= length x width

Area of parallelogram= length x width



LO: I can solve mixed problems.

- 1.) 5) The radius of this circle is 3 cm. What is the diameter?



2.)

- 1) You can buy 4 pots of banana yoghurt for £2.40. How much will it cost to buy 16 pots of banana yoghurt?

LO: I can solve mixed problems.

- 3.) 3) In Year 5 there are 50 pupils, of whom 18 are boys.  
What percentage of the pupils are girls?

4.)

Q3. Here are some number cards.



Use **two** of the cards to make a fraction which is **less than**  $\frac{1}{2}$ .

ans


How much **less than 1** is your fraction?

LO: I can solve mixed problems.

5.)

The table shows whether pupils walk to school or not.

	Walk to school	Do not walk to school
Boys	2	8
Girls	5	10

1) What percentage of boys walk to school?

2) What percentage of pupils in this class walk to school?

LO:I can solve mixed problems.

5) The number sentence below represents the angles in degrees of an isosceles triangle.

$$A + B + C = 180 \text{ degrees}$$

A and B are equal and are multiples of 5.

Give three examples of what the angles could be.

LO:I can solve mixed problems.

1) Use  $<$ ,  $>$  or  $=$

3.95 km  3km 95 m

8.2 km  8km 2 m

LO: I can solve mixed problems.

1.) Complete this table:

Fraction	Decimal	Percentage
		50%
	0.75	
1/5		
	0.1	
		80%
10/10		

2.) A) 36 months = .....years

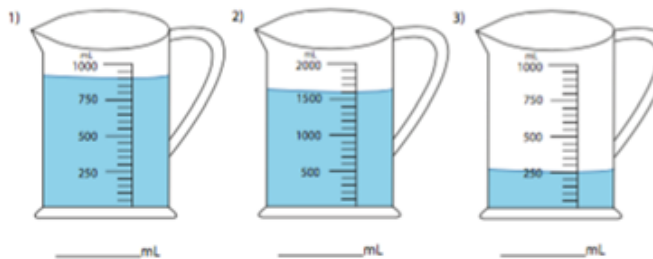
B) 72 hours = .....days

c) 180 seconds = .....minutes

LO: I can solve mixed problems.

3.)

Write the reading shown by each jug.



4.) Calculate the area



5.) Name the angle and calculate its size.



LO: I can solve mixed problems.

6.)

Underline the digit that is in the ten thousands place: 11, 236, 470Underline the digit that is in the tenths place: 148.97Underline the digit that is in the hundredths place: 281.93

7.) Sarah had 7 bags with 5 sweets in each. She added one more to each bag. Circle the calculation below that shows the correct working out.

$$7(5 + 1) = 42$$

$$7 \times 5 + 1 = 36$$

$$7 \times 5 + 1 = 42$$

Explain how you know.



LO: I can solve mixed problems.

8.)

1) Use < , > or =

3.95 km  3km 95 m

8.2 km  8km 2 m

2) 0.843 km =  m

6) A film lasting 220 minutes finished at 16:45.

At what time did it start?

This is question 9 not 6!

LO: I can solve mixed problems.

Q7. Calculate  $\frac{7}{8}$  of 5000



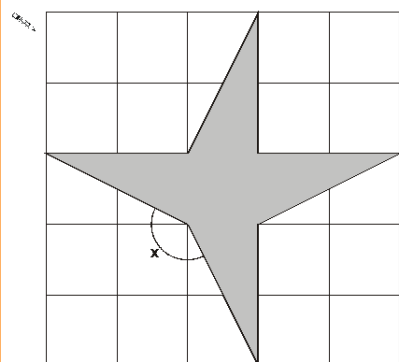
Hint- can you find  $\frac{1}{8}$  first? Does  $\frac{1}{8}$  relate to an even simpler fraction?

LO: I can solve mixed problems.

**Q6.** Here is a shaded shape on a grid made of squares.

Draw the line of symmetry of the shaded shape.

You may use a mirror or tracing paper.



**LO: I can solve mixed problems.**LO: I can solve mixed problems.

1.) Translate these Roman numerals. Don't forget to show your working out!

1. MD \_\_\_\_\_

4. CXVI \_\_\_\_\_

2. MCD \_\_\_\_\_

5. DCLX \_\_\_\_\_

3. XXXIV \_\_\_\_\_

6. CXIII \_\_\_\_\_

2.) Calculate **24% of 525**

3.) Q2. A larger bottle of juice will hold **30% more** than this bottle.

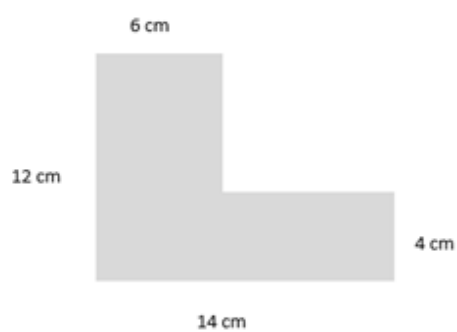


How much will the larger bottle hold?

ml

LO: I can solve mixed problems.

4.) Find the area and perimeter:



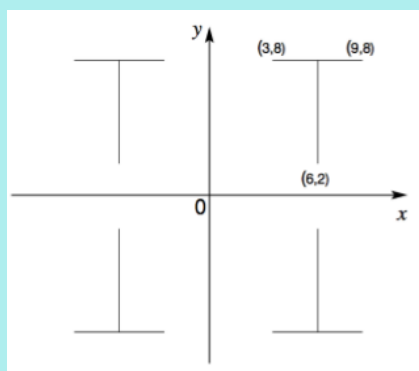
5.)

-80, -40, 10, 50

What is wrong with this sequence of numbers?

LO: I can solve mixed problems.

4) The T-shape has been reflected in both axes.  
Write down the coordinates of each T-shape



LO: I can solve mixed problems.

7) The temperature is  $-3$ . It gets 2 degrees warmer. The new temperature is  $-5$ ? True or false? Why?

LO: I can solve mixed problems.

4) Complete the table below:

Number	Nearest 10 000	Nearest 100 000	Nearest 1 000 000
836 712			
9 191 901			
7 890 600			
400 559			
6 006 060			



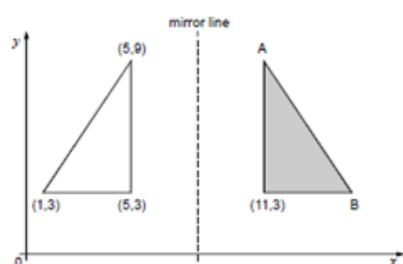
LO: I can solve mixed problems.

1.)

3) Gerry poured 1998ml of water into one bucket and 2550ml into another. How much water did he have?  
How much more was in the second bucket than in the first?

2.)  $\frac{2}{3} \times 4 =$  $\frac{1}{2} \div 5 =$ 

3.) What are coordinates A and B on the diagram?



LO: I can solve mixed problems.

4.)

2) 1 carton of milk contains 1L 200ml.

How many L would 8 cartons hold?

5.) 4) There are 4 people in Hardeep's family. Their shoe sizes are 4,5,7 and 10.

What is the mean shoe size?

**What is the range?**

6.)

8) Sweets are £1.45 for a packet. I have £10 to spend on sweets for the party. What is the greatest number of packets I can buy?