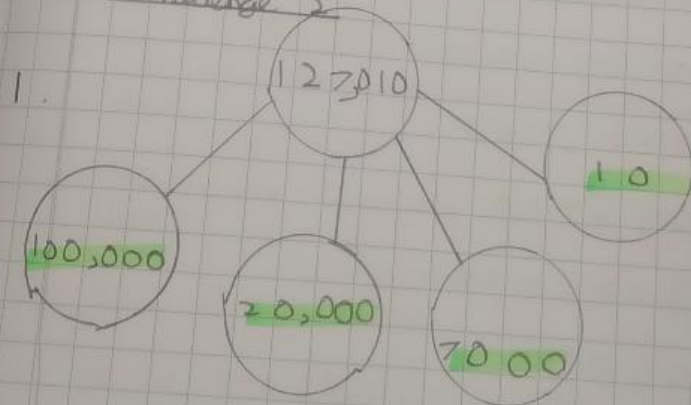


Maths presentation expectations

Challenge 1

- A.  $8,047 = 8000 + 40 + 7$
- B.  $30,429 = 30,000 + 400 + 20 + 9$
- C.  $260,392 = 260,000 + 60,000 + 300 + 90 + 2$
- D.  $8,500 + 12 = 8,512$
- E.  $720,000 + 3,500 + 70 + 2 = 723,572$
- F.  $3,000,000 + 56,000 + 800 + 25 = 3,056,825$
- G.  $412 + 4,000,000 + 412,000 = 4,412,412$

Challenge 2



Challenge 4

1. Stormy has 950,023 twitter followers this morning. 5000 more people follow him per day. How many followers will he have tomorrow.

$$\begin{array}{r} 950,023 \\ + 5000 \\ \hline 955,023 \end{array}$$

He will have 955,023 followers tomorrow.

2. Skepta has 961,307 twitter followers right now. 20,000 people are going to stop following him today. How many followers will he have tomorrow.

$$\begin{array}{r} 961,307 \\ - 20,000 \\ \hline 941,307 \end{array}$$

He will have 941,307 followers.

Lc: Can I order and compare numbers to ten millions?

### Challenge 1

Write the following numbers in ascending order

73,000    725,906    725,96  
728,000

### Challenge 2

a.  $9,580 > 9,570$

b.  $9,580 < 9,680$

c.  $9,580 < 9,681$

d.  $9,580 < 9,589$

e.  $9,580 < 10,000$

f.  $10,000 > 9,580$

B)

A.  $540,000 > 54,000$

B.  $540,000 > 450,000$

C.  $540,000 > 540$

D.  $540,000 > 500,000$

E.  $540,000 < 600,000$

F.  $540,000 < 3,000,000$

### Challenge 3

1,580,000

1,580,000

1,850,000

5,180,000

5,810,000

8,8150,000

8,510,000

### Challenge 4



complete next lesson

### Challenge 4

What could the missing digit be in each number?

Write down all the possibilities.

a)  $3\boxed{0}40 < 3,270$

1, 2 and 0

b)  $2\boxed{6}390 > 25,400$

6, 7, 8 and 9

c)  $2\boxed{5}390 > 24,380$

4, 5, 6, 7, 8 and 9

d)  $8,491 > 8,4\boxed{8}6$

8, 7, 6, 5, 4, 3, 2 and 1

e)  $8,491,012 > 8,49\boxed{0},102$

0

done



Thank you Ross!

### Challenge 4

5a. Work out which child has which number. Find two possible solutions.

3,502,005    3,415,667    3,495,811

13

To the nearest hundred thousand, my number rounds to three and a half million.

Jade

To the nearest million, my number rounds to three million.

Maxine

To the nearest ten thousand, my number rounds to three and a half million.

Justin

13

☆

almost!

Jade - 3,502,005

Maxine - 3,415,667

Justin - 3,495,811

OR

Jade - 3,495,811

Maxine - 3,415,667

Justin - 3,502,005

👍

### Challenge 5

4b. Which number is the odd one out when rounded to the nearest hundred thousand and rounded to the nearest ten thousand? Explain your answers.

Nine hundred and fifty-one thousand, six hundred and seventeen    947,301

Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
●		●●●●	●●●●	●●●●	●●	

☆

947,301 - 900,000

951,617 - 1,000,000

1,042,240 - 1,000,000

947,301 is the odd one out when rounded to the nearest hundred thousand because 951,617 and 1,042,240 both round to 1,000,000

When rounded to the nearest 100,000.

When rounded to the nearest 10,000

1,042,240 is the odd one out.

Answers to reasoning and problems solving questions in purple pen.