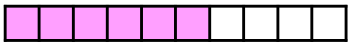
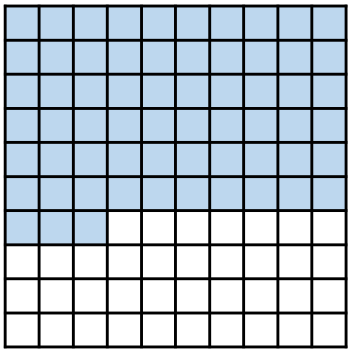
Monday – Understand Percentages

1. Match the grids to the correct percentages.

A. 

70%

B. 

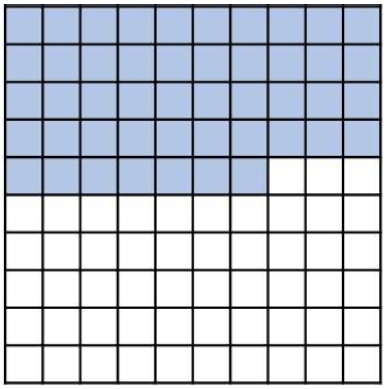
60%

C. 

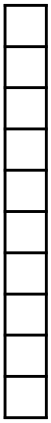
63%

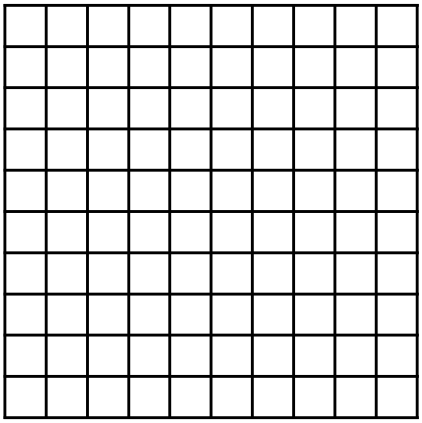
2. In each box, write the percentage represented by the grids below.

A. 

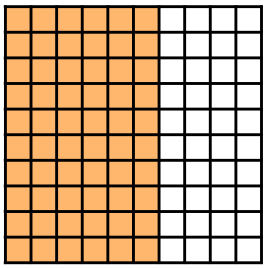
B. 

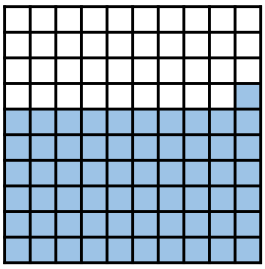
3. Colour 80% of each grid below.

A. 

B. 

4. Circle the odd one out.

A. 

B. 

C. 

D. 60%

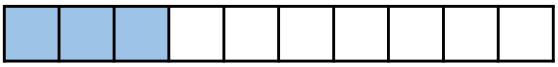
Explain your reasoning.

5. Order the values from largest to smallest by placing the letters in the boxes below.

A. 64 parts per 100	B. 38%	C. 7 parts out of 10
D. 90%	E. 5 parts per 10	F. 91 parts out of 100

☐ ☐ ☐ ☐ ☐ ☐

6. Kat and Jake are shown a bar model.



Kat says, 

Jake says, 

Who is correct? Convince me.

Tuesday – Percentages as Fractions and Decimals

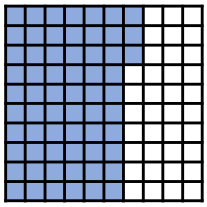
1. Match the fractions to the equivalent decimal and percentage.

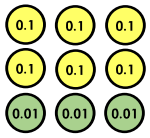
A. $\frac{36}{300}$	0.65	42%
B. $\frac{65}{100}$	0.42	65%
C. $\frac{84}{200}$	0.12	12%

2. Circle the odd one out.

63%

$\frac{63}{300}$





0.63

3. True or false?

75% is equivalent to 7.5

4. Complete the boxes with the missing equivalent decimal or percentage.

A. $\frac{64}{200}$ = ☐ = 32%

B. $\frac{24}{100}$ = 0.24 = ☐

C. $\frac{36}{100}$ = 0.36 = ☐

5. There are 100 pencils in a box.

Class 5 takes $\frac{4}{10}$ of the pencils. Class 4 takes 25% of the pencils.

How many does each class have?

How many pencils are left in the box?

What percentage is this?

6. Convert the fractions and decimals below into percentages.

0.7 $\frac{72}{100}$ $\frac{148}{200}$ $\frac{75}{300}$ 0.75

Write the percentages in descending order.

7. Hannah and Sean are converting fractions and decimals into percentages.

Hannah: 0.5 as a percentage is 50%.

$\frac{50}{200}$ as a percentage is 50%.

Sean

Who is correct?
Explain how you know.

Wednesday – Adding – Same Decimal Places

1. Complete the addition calculations using the digits on the digit cards.

A.

$$\begin{array}{r} 2.59 \\ +\ 4.19 \\ \hline 6.\square\square \end{array}$$

B.

$$\begin{array}{r} 5.37 \\ +\ 3.54 \\ \hline 8.\square\square \end{array}$$

1	8	9	7

2. Use the numbers below to complete the number sentences. You can only use each number once.

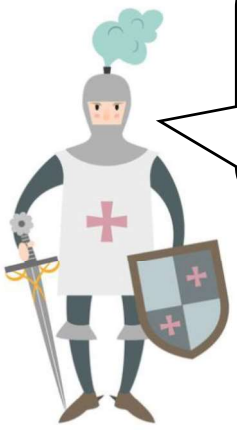
3.76	3.81	5.96
3.69	6.08	6.01

A. ☐ + ☐ = 9.77

B. ☐ + ☐ = 9.77

C. ☐ + ☐ = 9.77

3. Sir Kevin can carry a total of 8.89kg. Which gems will he be able to take with him?



My sword weighs 1.06kg, my shield weighs 2.65kg and my armour weighs 4.11kg.

0.49 kg

0.59 kg

0.58 kg

0.62 kg

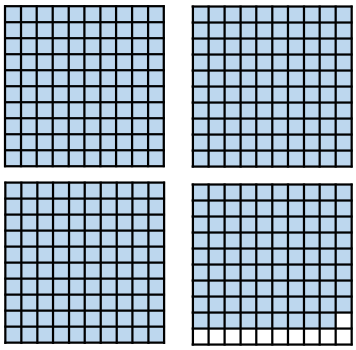
Thursday – Adding – Different Decimal Places

1. Match the representation to the correct calculation. Write the letter of the representation in the box provided.

A.

ones	tenths	hundredths	thousandths
● ●	● ● ●	● ● ●	● ●

B.



C.

2.466

1.32 + 2.57 = ☐ 1.034 + 2.53 = ☐ 1.45 + 1.016 = ☐

2. Place an 'X' in the boxes to show whether the statements are true or false.

		True	False
A.	5.029 + 0.1 = 5.129	☐	☐
B.	2.17 + 0.3 = 2.2	☐	☐
C.	4.312 + 1.09 = 5.311	☐	☐

3. Steph and Sean are solving the calculation below.

3.054 + 2.3 =

Steph: The answer is 5.057.

Sean: The answer is 5.354.

Who is correct? Explain how you know.