Day 1

6 Round each of these numbers to two significant figures.

a 2436
b 35057.4
c 0.060 49
d 34.024
e 107 892
f 0.002 45
g 2.0745
h 0.7070
i 4706
j 59 134
k 0.4567
l 1.0631

> Start at the first non-zero digit on the left.

7 Copy and complete this table.

	Number	Rounded to 2 decimal places	Rounded to 2 significant figures
a	1.4638		
b	0.0936		
c	23.7124		
d	0.007 83		
e	100.465		

6 a 2400   **b** 35 000   **c** 0.060   **d** 34

    e 110 000   **f** 0.0025   **g** 2.1   **h** 0.71

    i 4700   **j** 59 000   **k** 0.46   **l** 1.1

7 a 1.46, 1.5   **b** 0.09, 0.094   **c** 23.71, 24

    d 0.01, 0.0078   **e** 100.47, 100

Day two

Copy and complete this table of common fractions.

Fraction form	Decimal form	Written to 1 decimal place	Written to 1 significant figure
$\frac{1}{3}$			
$\frac{2}{3}$			
$\frac{1}{9}$			
$\frac{3}{4}$			

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$\frac{1}{3}$	$0.\dot{3}$	0.3	0.3
$\frac{2}{3}$	$0.\dot{6}$	0.7	0.7
$\frac{1}{9}$	$0.\dot{1}$	0.1	0.1
$\frac{3}{4}$	0.75	0.8	0.8

Day 3

Express the following quantities as simplified fractions.
a $45 out of $100
b 12 kg out of 80 kg
c 64 baskets out of 90 shots in basketball
d 115 mL out of 375 mL

) These sets of fractions form a pattern. Find the next two fractions in the pattern.

a $\dfrac{1}{3}, \dfrac{5}{6}, \dfrac{4}{3}, \dfrac{\square}{\square}, \dfrac{\square}{\square}$

b $\dfrac{6}{5}, \dfrac{14}{15}, \dfrac{2}{3}, \dfrac{\square}{\square}, \dfrac{\square}{\square}$

c $\dfrac{2}{3}, \dfrac{3}{4}, \dfrac{5}{6}, \dfrac{\square}{\square}, \dfrac{\square}{\square}$

d $\dfrac{1}{2}, \dfrac{4}{7}, \dfrac{9}{14}, \dfrac{\square}{\square}, \dfrac{\square}{\square}$

9 a $\dfrac{9}{20}$ **b** $\dfrac{3}{20}$ **c** $\dfrac{32}{45}$ **d** $\dfrac{23}{75}$

10 a $\dfrac{11}{6}, \dfrac{7}{3}$ **b** $\dfrac{2}{5}, \dfrac{2}{15}$ **c** $\dfrac{11}{12}, 1$ **d** $\dfrac{5}{7}, \dfrac{11}{14}$