## Year 6: Week 13

## Monday

I can use formal methods for addition, subtraction, multiplication \& division involving decimals.


## Tuesday

I can compare fractions using <, = and >

| $1 / 2 \bigcirc^{6 / 12}$ | $1 / 4 \bigcirc^{4 / 12}$ | $5 / 6 \square^{1 / 3}$ |
| :--- | :--- | :--- |
| $1 / 8 \bigcirc^{4 / 16}$ | $9 / 20 \square^{4 / 10}$ | $1 / 5 \square^{4 / 20}$ |
| $10 / 12 \square^{3 / 4}$ | $2 / 3 \bigcirc^{15 / 18}$ | $7 / 9 \square^{12 / 18}$ |
| $15 / 16 \square^{7 / 8}$ | $4 / 5 \square^{24 / 30}$ | $5 / 7 \square^{16 / 21}$ |

## Wednesday

I can convert improper fractions and mixed numbers.

| $1 / 2=\square / 2$ | $2^{2 / 3}=\square / 3$ | $1^{1 / 4}=\square / 4$ |
| :---: | :---: | :---: |
| $4 / 5=\square / 5$ | $17 / 10=\square / 10$ | $25 / 8=\square / 8$ |
| $9 / 2=\square$ | $15 / 4=\square$ | $26 / 5=\square$ |
| $14 / 3=\square$ | $29 / 10=\square$ | $11 / 6=\square$ |
| $10^{7 / 9}=\square / \square$ | $8 / 3=\square / \square$ | $75 / 6=\square / \square$ |
| $43 / 8=\square$ | $77 / 9=\square$ | $39 / 4=\square$ |

## Year 6: Week 13

Thursday
I can add and subtract fractions. (Tip: Find a common denominator!)

| $3 / 8+5 / 8=$ | $5 / 6-2 / 6=$ | $3 / 4+2 / 4=$ |
| :--- | :--- | :--- |
| $1 / 3+5 / 6=$ | $4 / 5-3 / 10=$ | $2 / 3+7 / 9=$ |
| $3 / 5-1 / 2=$ | $1 / 3+2 / 5=$ | $3 / 4-1 / 3=$ |
| $3 / 4+1 / 6=$ | $2 / 3-1 / 2=$ | $2 / 5+1 / 4=$ |

## Friday

I can calculate fractions of numbers.

| $1 / 3$ of $24=$ | $1 / 4$ of $48=$ | $1 / 10$ of $70=$ | $1 / 5$ of $35=$ |
| :--- | :--- | :--- | :--- |
| $3 / 10$ of $60=$ | $5 / 8$ of $40=$ | $5 / 6$ of $36=$ | $4 / 9$ of $18=$ |
| $3 / 8$ of $64=$ | $2 / 3$ of $27=$ | $9 / 10$ of $60=$ | $3 / 4$ of $44=$ |
| $3 / 4$ of $160=$ | $5 / 8$ of $320=$ | $3 / 5$ of $450=$ | $2 / 6$ of $480=$ |
| $4 / 5$ of $150=$ | $3 / 4$ of $240=$ | $7 / 10$ of $800=$ | $2 / 3$ of $270=$ |

## Challenge 1

Put the fractions in order from smallest to largest.

$$
\begin{array}{llll}
\frac{7}{8} & \frac{1}{2} & \frac{9}{8} & \frac{3}{4}
\end{array}
$$

## Challenge 2

Draw lines to show where each fraction belongs on the number line.
$\begin{array}{lllll}\frac{1}{2} & \frac{1}{5} & \frac{3}{100} & \frac{18}{20} & \frac{4}{10}\end{array}$

