## Year 3: Week 3, Day 2 <br> Use a fraction wall to order groups of fractions

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the Learning Reminders. They come from our PowerPoint slides.

2. Tackle the questions on the Practice Sheet.

There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.

3. Finding it tricky? Answer some questions based on the A Bit Stuck? activity from yesterday.

4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

Learning Reminders
Compare and order fractions.


Learning Reminders
Compare and order fractions.


Learning Reminders


## Practice Sheet for All <br> Comparing fractions

1. Write each set of three fractions in order, smallest to largest. Use the fraction wall to help you.

2. Write < or > or = between each pair of fractions.
$\frac{1}{2} \quad \frac{1}{4}$
$\begin{array}{ll}\frac{1}{6} & \frac{1}{8}\end{array}$
$\frac{2}{5} \quad \frac{2}{7}$
$\frac{1}{2} \quad \frac{4}{8}$

## Challenge

Write these groups of fractions in order, smallest first.

1. $\frac{1}{2}$
$\frac{1}{4}$
$\frac{1}{3}$
2. 

$\frac{2}{3}$
$\frac{1}{2}$
$\frac{2}{5}$
3.
$\frac{1}{8}$
$\frac{1}{5} \quad \frac{1}{7}$
4. $\frac{3}{4}$
$\infty$
$\frac{4}{5}$
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Practice Sheet Answers

Comparing fractions
1.

2.

$$
\begin{array}{ll}
\frac{1}{2}>\frac{1}{4} & \frac{1}{6}>\frac{1}{8} \\
\frac{2}{5}>\frac{2}{7} & \frac{1}{2}=\frac{4}{8}
\end{array}
$$

Challenge

1. $\quad \frac{1}{4} \quad \frac{1}{3} \quad \frac{1}{2}$
2. $\frac{2}{5} \quad \frac{1}{2} \quad \frac{2}{3}$
3. $\quad \frac{1}{8} \quad \frac{1}{7} \quad \frac{1}{5}$
4. $\quad \begin{array}{lllll} & \frac{3}{4} & \frac{4}{5} & \frac{7}{8}\end{array}$

## A Bit Tricky?

## The half family <br> Follow-up questions

Focus of activity: Finding fractions which are equivalent to one half.
Colour in any fractions that reach exactly the same distance across the wall as $1 / 2$. HINT: Not every row will have a fraction that is exactly equivalent to $1 / 2$.

| 1/2 |  |  |  |  |  | 1/2 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1/3 |  |  | 1/3 |  |  |  |  | 1/3 |  |  |  |  |
| $1 / 4$ |  | 1/4 |  |  | 1/4 |  |  |  |  | 1/4 |  |  |
| 1/5 | 1/5 |  | 1/5 |  |  |  | 1/5 |  |  |  | 1/5 |  |
| 1/6 | 1/6 |  | 1/6 |  | 1/6 |  |  | 1/6 |  |  | 1/6 |  |
| $1 / 7$ | 1/7 | 1/7 |  | 1/7 |  |  | 1/7 |  | 1/7 |  | 1/7 |  |
| 1/8 | 1/8 | 1/8 | 1/8 |  | 1/8 |  | 1/8 |  |  | 1/8 | /8 | 1/8 |
| 1/9 $91 / 9$ | 1/9 |  | 1/9 | 1/9 |  | 1/9 |  | 1/9 |  | 1/9 |  | 1/9 |
| 1/10 $1 / 10$ | 1/10 | 1/10 | 1/10 |  | 1/10 |  | 1/10 |  | 1/10 |  | 1/10 | 1/10 |
| $1 / 11$ $1 / 11$ | 1/11 | 1/11 | 1/11 |  | 1/11 | 1/11 | 1/11 |  | 1/11 |  | 1/11 | 1/11 |
| $1 / 12$ $1 / 12$ | 12 $1 / 12$ |  | 1/12 | 1/12 |  | 1/12 ${ }^{1 / 1}$ | /12 $1 /$ |  | /12 | 1/12 | \|2 $1 / 12$ | \| $1 / 12$ |





