



## Answering fractions questions using 1, 3, 5, 8, 10 and 12 - answers

Use the **Using a fraction wall** factsheet to help with these answers.

### Reminder

These are the numbers you had to use to make your answers: 1, 3, 5, 8, 10, 12.

1. **The largest fraction less than 1 that you can make is  $\frac{10}{12}$ .**

Twelfths are the smallest fraction less than 1 that you can make with the numbers given.

$\frac{10}{12}$  is only  $\frac{2}{12}$  less than 1.

2. **The largest unit fraction you can make is  $\frac{1}{3}$ .**

A unit fraction has a one on the top. The bigger the number on the bottom, the smaller the fraction.

3. **The fraction you can make that's equal to  $\frac{1}{4}$  is  $\frac{3}{12}$ .**

You can divide the top and bottom of  $\frac{3}{12}$  by 3 to get  $\frac{1}{4}$ .

4. **The fractions you can make that are less than  $\frac{3}{5}$  are:  $\frac{1}{3}$ ,  $\frac{1}{5}$ ,  $\frac{1}{8}$ ,  $\frac{1}{10}$ ,  $\frac{1}{12}$ ,  $\frac{3}{8}$ ,  $\frac{3}{10}$ ,  $\frac{3}{12}$ ,  $\frac{5}{10}$  and  $\frac{5}{12}$ .**

How many did you get? Check them all on the fraction wall.

5. **The smallest mixed number you can make is  $1\frac{1}{12}$ .**

You need the smallest whole number and the smallest fraction to make the smallest possible mixed number.

6. **The largest mixed number you can make is  $12\frac{10}{12}$ .**

For this one you need to largest whole number and the largest fraction you can make.