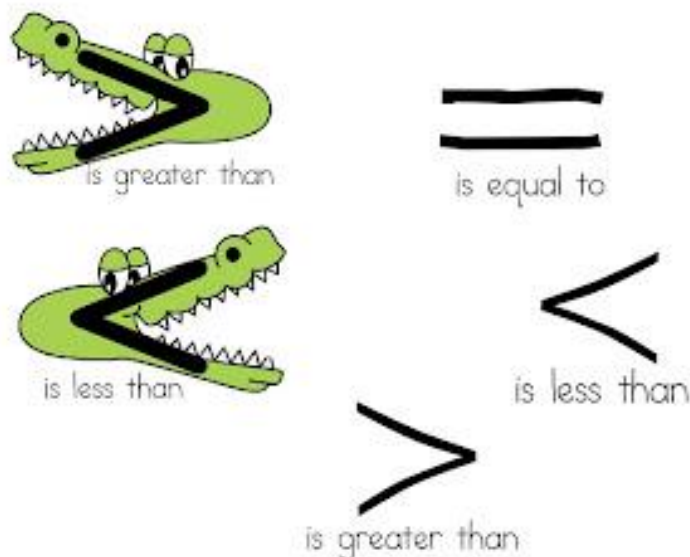


Fractions Help Sheet

Tackle the questions on the [Practice sheet](#). There might be a choice of either [Mild](#) (easier) or [Hot](#) (harder)!

Can you remember how to compare pairs of fractions?

Greater than and less than signs



Remember that the crocodile is always hungry and wants to eat the [bigger number](#).

5



10

15

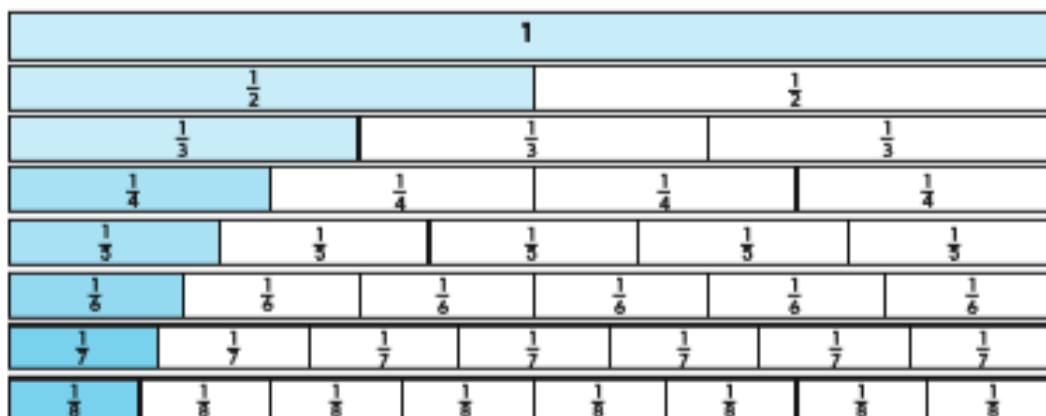


7

Practice Sheet for All Comparing fractions

Work through as many of these questions as you can, then have a go at the Challenge.

Use the fraction wall to compare fractions. Write $>$ or $<$ between each pair.



1. $\frac{1}{3}$ $\frac{1}{2}$
2. $\frac{1}{3}$ $\frac{1}{4}$
3. $\frac{1}{2}$ $\frac{2}{3}$
4. $\frac{3}{4}$ $\frac{2}{3}$
5. $\frac{1}{5}$ $\frac{1}{8}$
6. $\frac{1}{7}$ $\frac{1}{6}$
7. $\frac{4}{5}$ $\frac{7}{8}$
8. $\frac{2}{5}$ $\frac{2}{7}$

Challenge

Accurately draw another row on the fraction wall for tenths (there are two tenths in every fifth).

Now write at least five pairs of fractions, using $<$ or $>$, to compare with different numbers of tenths.

Practice Sheet Answers

Comparing fractions

1. $\frac{1}{5} < \frac{1}{2}$
2. $\frac{1}{3} > \frac{1}{4}$
3. $\frac{1}{2} < \frac{2}{3}$
4. $\frac{4}{5} > \frac{3}{5}$
5. $\frac{1}{5} > \frac{1}{8}$
6. $\frac{1}{7} < \frac{1}{6}$
7. $\frac{4}{5} < \frac{7}{8}$
8. $\frac{3}{5} > \frac{2}{7}$

Challenge

$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$					
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

e.g. $\frac{3}{10} > \frac{1}{10}$ $\frac{4}{10} < \frac{6}{10}$ $\frac{2}{10} < \frac{7}{10}$ $\frac{5}{10} > \frac{2}{10}$ $\frac{9}{10} > \frac{8}{10}$

A Bit Stuck? The Half Family

1											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$	
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$	
$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$	
$\frac{1}{11}$		$\frac{1}{11}$		$\frac{1}{11}$		$\frac{1}{11}$		$\frac{1}{11}$		$\frac{1}{11}$	
$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$	

Comparing fractions

Mild

1. Write each set of fractions in order, smallest to largest.

$$\frac{3}{4}$$

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{4}{5}$$

$$\frac{1}{5}$$

$$\frac{3}{5}$$

$$\frac{5}{8}$$

$$\frac{1}{2}$$

$$\frac{2}{8}$$

$$\frac{6}{8}$$

2. Write < or > or = between each pair of fractions

$$\frac{1}{4}$$

$$\frac{3}{4}$$

$$\frac{6}{8}$$

$$\frac{2}{8}$$

$$\frac{3}{6}$$

$$\frac{1}{2}$$

$$\frac{2}{3}$$

$$\frac{4}{9}$$

Practice Sheet for All Comparing fractions

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

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

$$\frac{1}{3} \quad \frac{1}{4} \quad \frac{1}{6}$$

$$\frac{1}{3} \quad \frac{2}{3} \quad \frac{1}{8}$$

$$\frac{1}{7} \quad \frac{1}{8} \quad \frac{1}{5}$$

$$\frac{1}{8} \quad \frac{1}{2} \quad \frac{2}{5}$$

$$\frac{1}{2} \quad \frac{2}{7} \quad \frac{3}{4}$$

2. Write < or > or = between each pair of fractions.

$$\frac{1}{2} \quad \frac{1}{4}$$

$$\frac{1}{6} \quad \frac{1}{8}$$

$$\frac{2}{5} \quad \frac{2}{7}$$

$$\frac{1}{2} \quad \frac{4}{8}$$

Challenge

Write these groups of fractions in order, smallest first.

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

2. $\frac{2}{3} \quad \frac{1}{2} \quad \frac{2}{5}$

3. $\frac{1}{8} \quad \frac{1}{5} \quad \frac{1}{7}$

4. $\frac{3}{4} \quad \frac{7}{8} \quad \frac{4}{5}$

Answers

Mild

1. Write each set of fractions in order, smallest to largest.

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{3}{4}$$

$$\frac{1}{5}$$

$$\frac{3}{5}$$

$$\frac{4}{5}$$

$$\frac{2}{8}$$

$$\frac{1}{2}$$

$$\frac{5}{8}$$

$$\frac{6}{8}$$

2. Write < or > or = between each pair of fractions

$$\frac{1}{4} < \frac{3}{4}$$

$$\frac{6}{8} > \frac{2}{8}$$

$$\frac{3}{6} = \frac{1}{2}$$

$$\frac{2}{3} = \frac{4}{6}$$

Practice Sheet Answers

Comparing fractions

1.

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

$$\frac{1}{8} \quad \frac{1}{3} \quad \frac{2}{3}$$

$$\frac{1}{8} \quad \frac{2}{5} \quad \frac{1}{2}$$

$$\frac{1}{6} \quad \frac{1}{4} \quad \frac{1}{3}$$

$$\frac{1}{8} \quad \frac{1}{7} \quad \frac{1}{5}$$

$$\frac{2}{7} \quad \frac{1}{2} \quad \frac{3}{4}$$

2.

$$\frac{1}{2} > \frac{1}{4}$$

$$\frac{1}{6} > \frac{1}{8}$$

$$\frac{2}{5} > \frac{2}{7}$$

$$\frac{1}{2} = \frac{4}{8}$$

Challenge

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

2. $\frac{2}{5} \quad \frac{1}{2} \quad \frac{2}{3}$

3. $\frac{1}{8} \quad \frac{1}{7} \quad \frac{1}{5}$

4. $\frac{3}{4} \quad \frac{4}{5} \quad \frac{7}{8}$