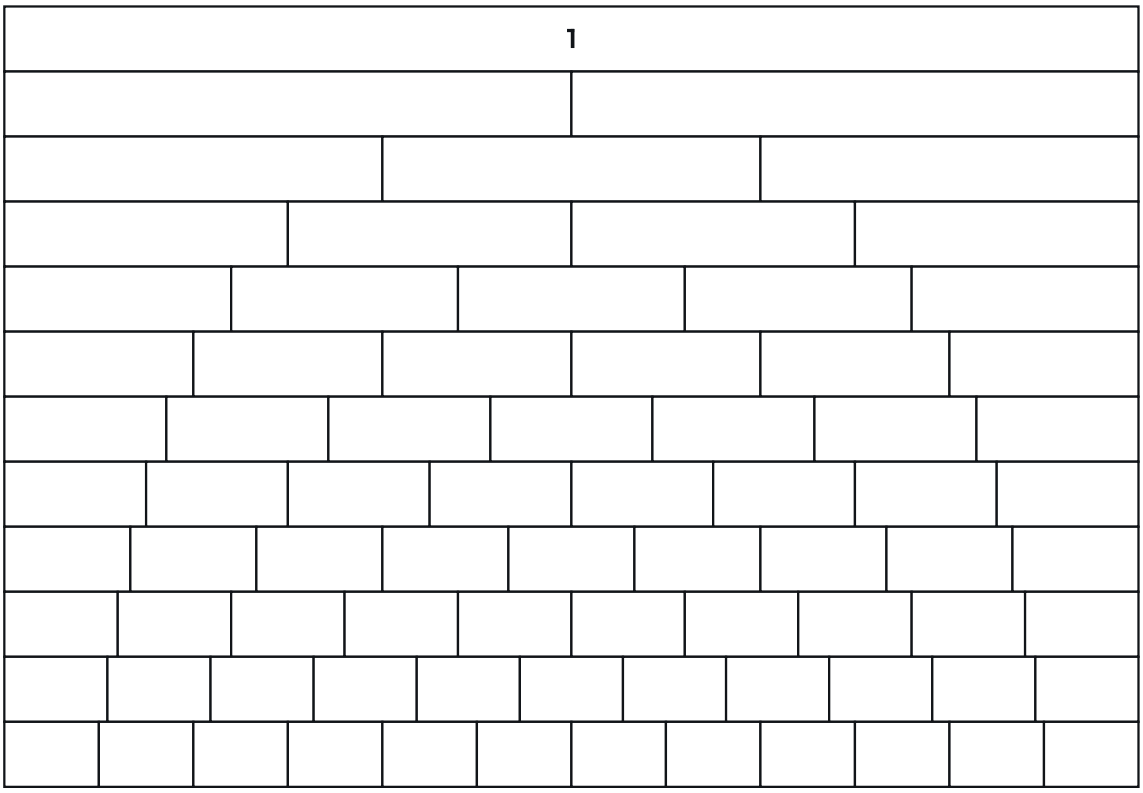
Name _____ Date _____

Comparing Unit Fractions

PART 1 The fraction wall

1 Each row of the wall is the same whole, divided into more and more equal parts. **In each row, colour one part** and write the unit fraction in it. You can use fraction tiles.



2 Look at the coloured parts and answer.

a) Which unit fraction is the biggest? $\frac{\square}{\square}$

b) Which is the smallest? $\frac{\square}{\square}$

c) What happens to one part when the denominator gets bigger?

_____

Name _____ Date _____

PART 2 Compare

3 Compare using the wall and write **<** or **>**.

$\frac{1}{3}$ ◯ $\frac{1}{5}$ $\frac{1}{8}$ ◯ $\frac{1}{4}$ $\frac{1}{2}$ ◯ $\frac{1}{10}$ $\frac{1}{12}$ ◯ $\frac{1}{6}$

$\frac{1}{7}$ ◯ $\frac{1}{9}$ $\frac{1}{5}$ ◯ $\frac{1}{4}$ $\frac{1}{11}$ ◯ $\frac{1}{3}$ $\frac{1}{6}$ ◯ $\frac{1}{8}$

Remember

Of two unit fractions of the same whole, the bigger one has the _____ denominator. The bigger the denominator, the _____ parts the whole is divided into, so one part is _____.

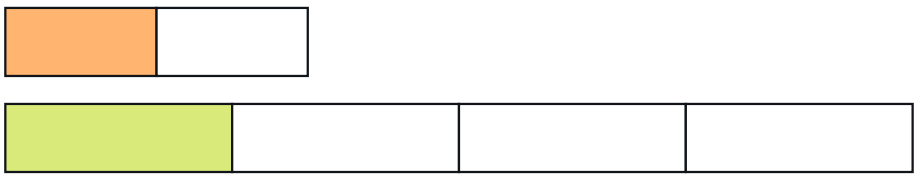
4 Order from the smallest to the biggest.

$\frac{1}{7}$ $\frac{1}{2}$ $\frac{1}{10}$ $\frac{1}{4}$ $\frac{1}{5}$

$\frac{\square}{\square}$ < $\frac{\square}{\square}$ < $\frac{\square}{\square}$ < $\frac{\square}{\square}$ < $\frac{\square}{\square}$

5 Iva says: "$\frac{1}{8}$ is bigger than $\frac{1}{6}$ because 8 is bigger than 6." Is Iva right? Explain.

6 Watch the whole! The picture shows $\frac{1}{2}$ of a small strip and $\frac{1}{4}$ of a big strip. Why does $\frac{1}{4}$ look bigger than $\frac{1}{2}$ here?



Names (pair) _____ Date _____

PART 3 In pairs: Who has the bigger part?

7 Each student secretly writes a unit fraction with a denominator from 2 to 12. Show them at the same time. Whoever has the bigger part gets a point. Check on the wall or with tiles.

	MY FRACTION	< OR >	PARTNER'S FRACTION	POINT
1.	$\frac{\square}{\square}$	◯	$\frac{\square}{\square}$	
2.	$\frac{\square}{\square}$	◯	$\frac{\square}{\square}$	
3.	$\frac{\square}{\square}$	◯	$\frac{\square}{\square}$	
4.	$\frac{\square}{\square}$	◯	$\frac{\square}{\square}$	
5.	$\frac{\square}{\square}$	◯	$\frac{\square}{\square}$	
6.	$\frac{\square}{\square}$	◯	$\frac{\square}{\square}$	

★ Challenge

8 Ana ate $\frac{1}{6}$ of a pizza and Marko ate $\frac{1}{8}$ of the same pizza. Who ate more?

_____

9 Which unit fraction is between $\frac{1}{3}$ and $\frac{1}{5}$? $\frac{\square}{\square}$

10 Write all the unit fractions bigger than $\frac{1}{6}$.

_____