

Fractions three ways



Show the same fraction as a bar, a circle and a point on a number line.

NAME _____ CLASS _____ DATE _____

LEARNING GOAL

Show a fraction in different ways and find fractions that are equal.

SUCCESS CRITERIA

- ☐ I can shade a fraction of a bar or a circle.
- ☐ I can mark a fraction on a number line from 0 to 1.
- ☐ I can compare, order and find equal fractions.

1 One fraction, three ways

9 points

The bottom number says how many equal parts. The top number says how many to shade. Follow the example.

	BAR: SHADE IT	CIRCLE: SHADE IT	NUMBER LINE: MARK IT WITH ▼
EXAMPLE			
a $\frac{2}{3}$			
b $\frac{5}{6}$			
c $\frac{3}{8}$			

2 Name the fraction

3 points

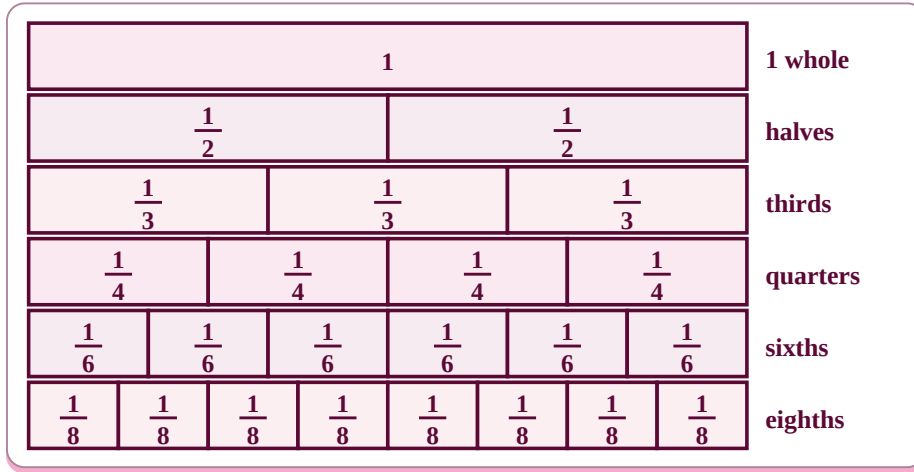
What fraction is shaded or marked? Write it in the tile: top number, line, bottom number.

a		c
—	—	—



3 The fraction wall

Each row is one whole, cut into equal parts. Use it for 4 to 7.



4 Equal fractions

Find the missing number. 4 points

- a $\frac{1}{2} = \frac{\boxed{4}}{4}$
- b $\frac{1}{2} = \frac{\boxed{8}}{8}$
- c $\frac{1}{3} = \frac{\boxed{6}}{6}$
- d $\frac{3}{4} = \frac{\boxed{8}}{8}$

5 Bigger or smaller?

6 points

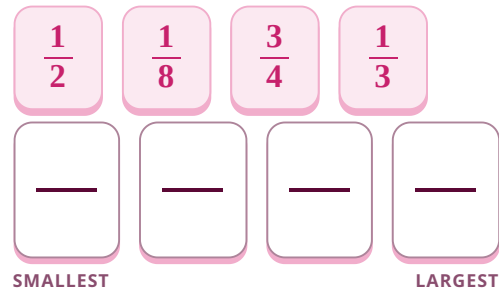
Write <, > or = in each tile.

- a $\frac{1}{3}$ $\frac{1}{4}$
- b $\frac{2}{3}$ $\frac{4}{6}$
- c $\frac{3}{8}$ $\frac{1}{2}$
- d $\frac{5}{6}$ $\frac{3}{4}$
- e $\frac{2}{8}$ $\frac{1}{4}$
- f $\frac{2}{3}$ $\frac{3}{4}$

6 Line them up

4 points

Write these in order, smallest first.



7 Fraction of an amount

6 points

EXAMPLE $\frac{1}{4}$ of 12 = 3 ☐ ☒ ☒ ☐ ☐ ☐ ☐ ☐

Share 12 into 4 equal groups. One group is 3.

LEVEL 1 ☐ ☒ ☒ ☐ $\frac{1}{2}$ of 16 = $\frac{1}{4}$ of 20 =

LEVEL 2 ☐ ☒ ☒ ☐ $\frac{1}{3}$ of 21 = $\frac{1}{8}$ of 24 =

LEVEL 3 ☐ ☒ ☒ ☐ $\frac{3}{4}$ of 12 = $\frac{2}{3}$ of 18 =



BONUS ROUND

Kit says $\frac{1}{3}$ is bigger than $\frac{1}{2}$ because 3 is bigger than 2. Is Kit right? Explain why.
