



Fractions on a Number Line

Equal parts make fractions!



Name: _____

Date: _____

1. Name the Fraction

Each bar is one whole. Count the shaded parts and all the equal parts. Then write the fraction.



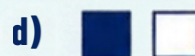
Shaded: __ Equal parts in all: __ Fraction: __/ __



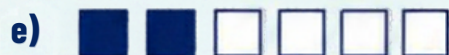
Shaded: __ Equal parts in all: __ Fraction: __/ __



Shaded: __ Equal parts in all: __ Fraction: __/ __



Shaded: __ Equal parts in all: __ Fraction: __/ __



Shaded: __ Equal parts in all: __ Fraction: __/ __



Shaded: __ Equal parts in all: __ Fraction: __/ __

2. Shade the Bar

Each bar is one whole. Color the right number of parts to match the fraction.

a) Shade $\frac{1}{2}$:

b) Shade $\frac{2}{3}$:

c) Shade $\frac{3}{4}$:

d) Shade $\frac{1}{6}$:

e) Shade $\frac{3}{8}$:

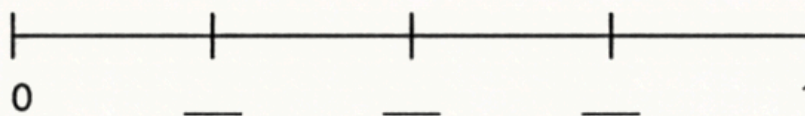
f) Shade $\frac{1}{3}$:



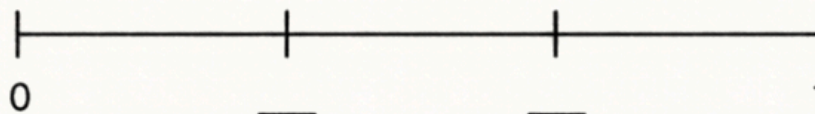
3. Fractions on a Number Line

Each number line goes from 0 to 1. The parts are equal. Write the fraction at each blank.

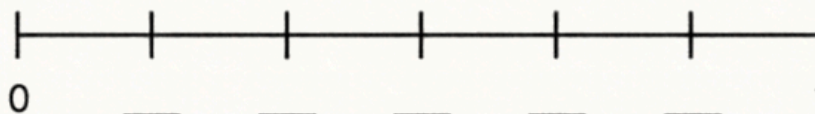
A. (fourths)



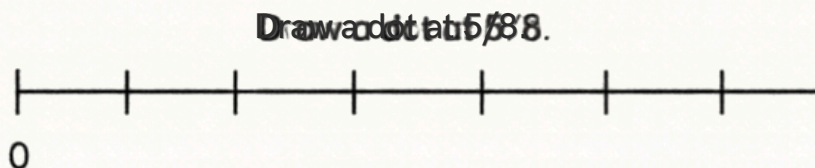
B. (thirds)



C. (sixths)



D. (eighths)



Draw a dot at $\frac{5}{8}$.

4. Name the Whole

Write the fraction. Then name the whole.

a) A beach towel is cut into 4 equal parts. 1 part is red.

What fraction of the towel is red? $\frac{\quad}{\quad}$ The whole is _____

b) A fish tank is divided into 3 equal parts. 2 parts hold sand.

What fraction of the tank holds sand? $\frac{\quad}{\quad}$ The whole is _____

c) A ribbon is cut into 6 equal pieces. 5 pieces are blue.

What fraction of the ribbon is blue? $\frac{\quad}{\quad}$ The whole is _____

d) Finish the sentence: $\frac{1}{4}$ means $\frac{\quad}{\quad}$ of $\frac{\quad}{\quad}$ equal parts.

e) Circle the fraction that names one of eight equal parts: $\frac{1}{8}$ $\frac{8}{1}$ $\frac{1}{6}$



Answer Key: Fractions on a Number Line



Section 1:

- a) 1 shaded, 4 equal parts; $\frac{1}{4}$
- b) 2 shaded, 3 equal parts; $\frac{2}{3}$
- c) 3 shaded, 4 equal parts; $\frac{3}{4}$
- d) 1 shaded, 2 equal parts; $\frac{1}{2}$
- e) 2 shaded, 6 equal parts; $\frac{2}{6}$
- f) 5 shaded, 8 equal parts; $\frac{5}{8}$

Section 2:

- a) shade 1 of 2 parts
- b) shade 2 of 3 parts
- c) shade 3 of 4 parts
- d) shade 1 of 6 parts
- e) shade 3 of 8 parts
- f) shade 1 of 3 parts

Section 3:

- A) $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$
- B) $\frac{1}{3}$, $\frac{2}{3}$
- C) $\frac{1}{6}$, $\frac{2}{6}$, $\frac{3}{6}$, $\frac{4}{6}$, $\frac{5}{6}$
- D) The dot goes on the fifth tick after 0, which is $\frac{5}{8}$.

Section 4:

- a) $\frac{1}{4}$; the whole is the beach towel
- b) $\frac{2}{3}$; the whole is the fish tank
- c) $\frac{5}{6}$; the whole is the ribbon
- d) 1 of 4 equal parts
- e) $\frac{1}{8}$

