



SURGESTART
—ACHIEVEMENT ACADEMY—

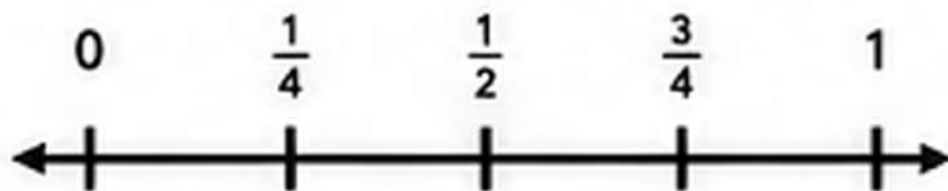
Fractions

on a Number Line

Understand fractions.

Use number lines.

Solve problems!



Name: _____



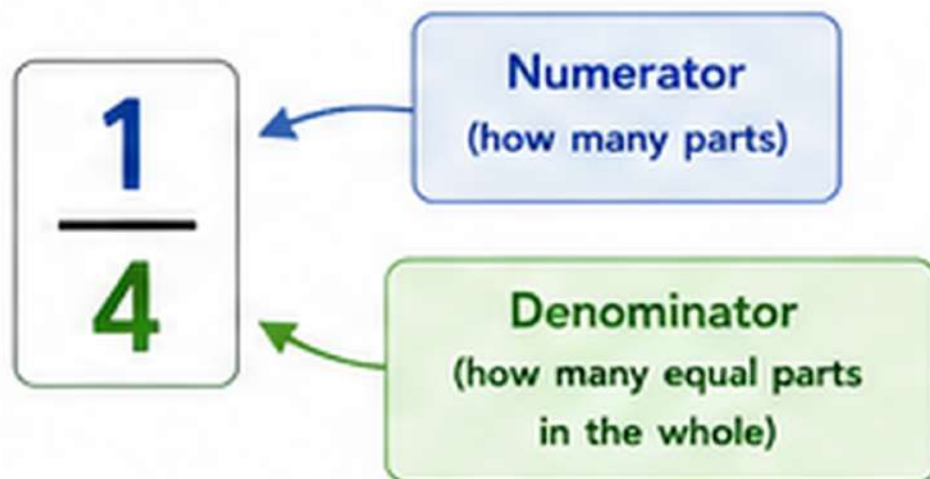
Name: _____

Date: _____

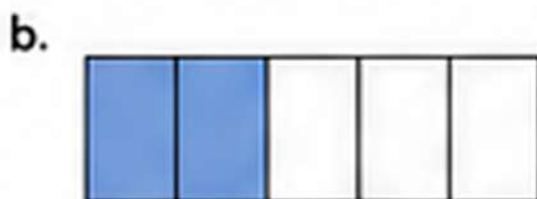
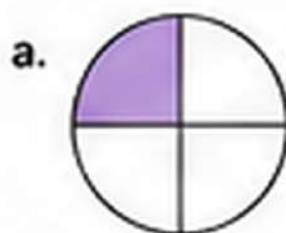
What Is a Fraction?

A fraction shows a part of a whole.

It has a **numerator** (top) and
a denominator (bottom).



What fraction is shaded in each shape?



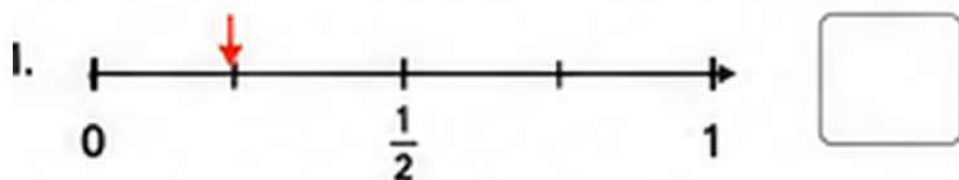
a. _____

b. _____

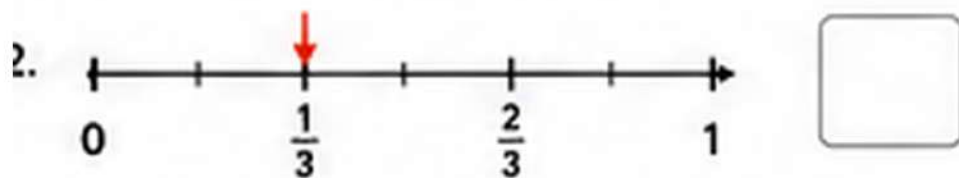


Fractions on a Number Line

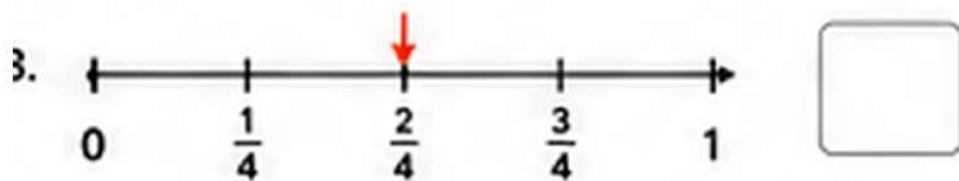
Write the fraction that each arrow shows.



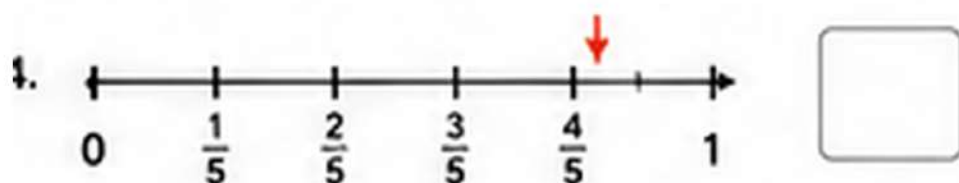
1.



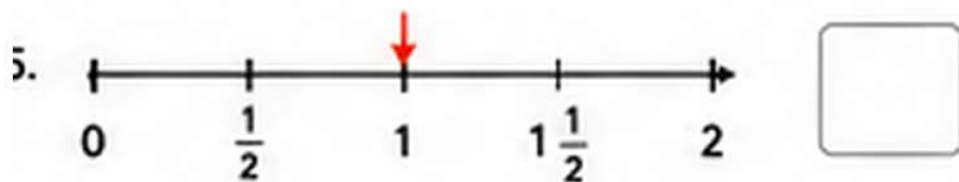
2.



3.



4.



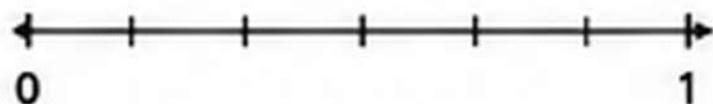
5.

Name:

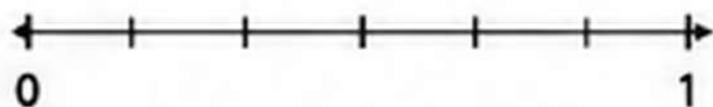
Plot the Fractions

Plot each fraction on the number line.

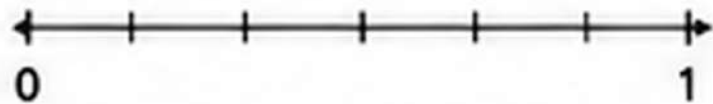
$$\frac{1}{2}$$



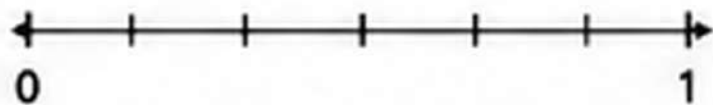
$$\frac{3}{4}$$



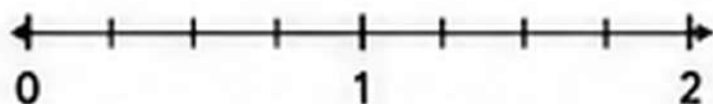
$$\frac{2}{3}$$



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



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



1.

2.

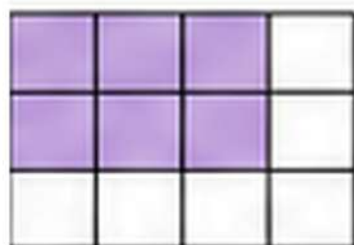
3.

4.

_____ Date: _____

Operations with Area Models

Write the fraction that is shaded.

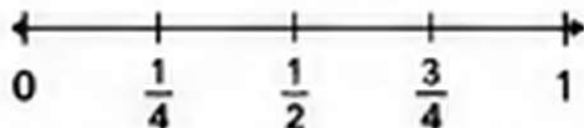


Compare Fractions

Use the number line to compare.

Write $<$, $>$, or $=$ in the box.

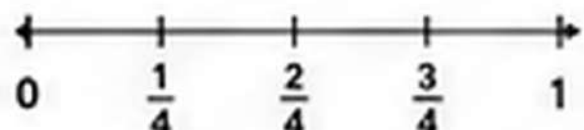
1. $\frac{1}{4}$ $\frac{1}{2}$



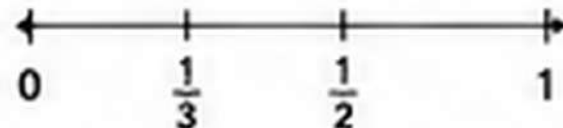
2. $\frac{2}{3}$ $\frac{3}{3}$



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



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



Equivalent Fractions

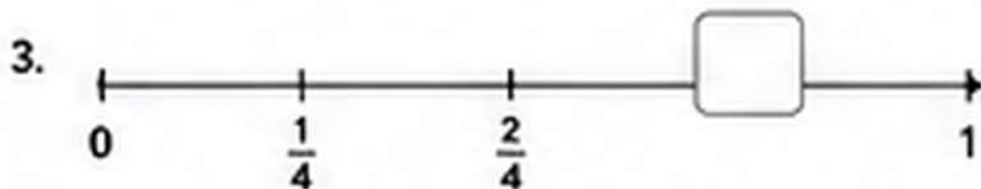
Fill in the missing fractions.



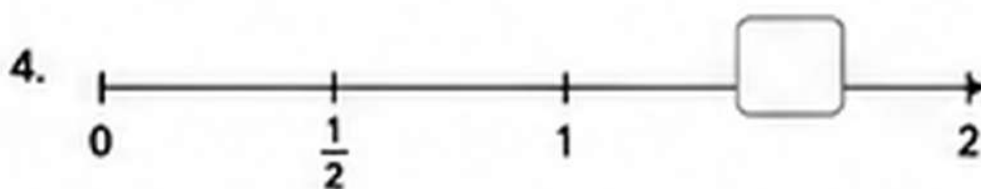
1



2



3

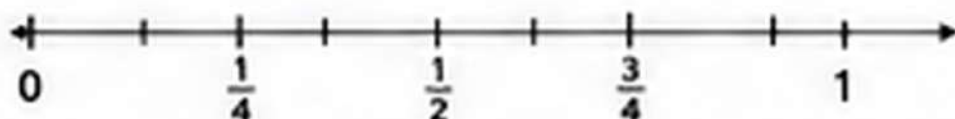


4

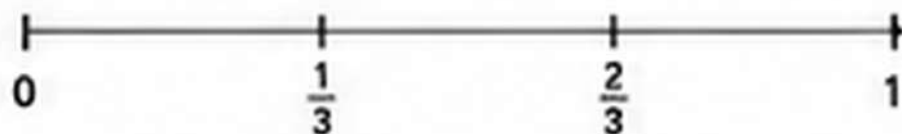
Add the Fractions

Use the number line to help you.

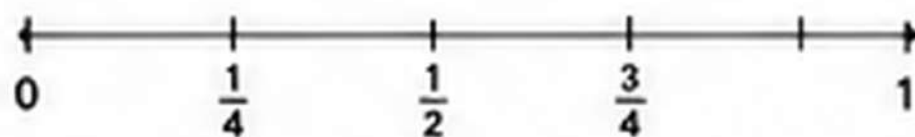
$$\frac{1}{4} + \frac{1}{4} = \boxed{}$$



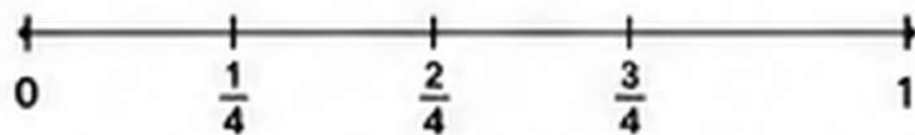
$$\frac{1}{3} + \frac{1}{3} = \boxed{}$$



$$\frac{1}{2} + \frac{1}{4} = \boxed{}$$



$$\frac{2}{4} + \frac{1}{4} = \boxed{}$$



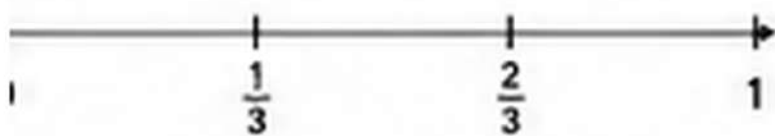
1.

2.

Word Problems

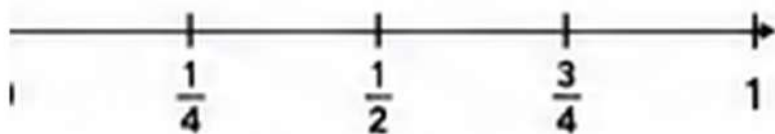
Read each problem. Solve and show your answer on the number line.

Mia walked $\frac{1}{3}$ of the way to school. Then she walked another $\frac{1}{3}$. What fraction of the way did she walk in all?



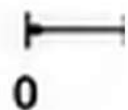
Answer: _____

Jake ate $\frac{1}{4}$ of his pizza. His friend ate $\frac{1}{2}$ of the pizza. What fraction of the pizza did they eat in all?

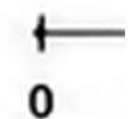


Answer: _____

1. Pl
nu



2. W



Ans

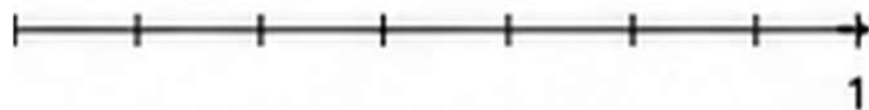


Challenge Time!

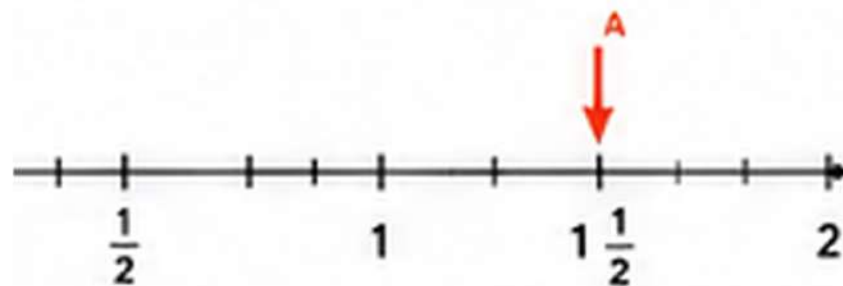
Solve the problems.

Plot and label these fractions on the number line.

$$\frac{1}{5}, \frac{3}{5}, \frac{4}{5}$$



Which fraction is at point A?



Answer: _____



Great job!
You're a Fraction Expert!