



FRACTION DECIMAL TRAP

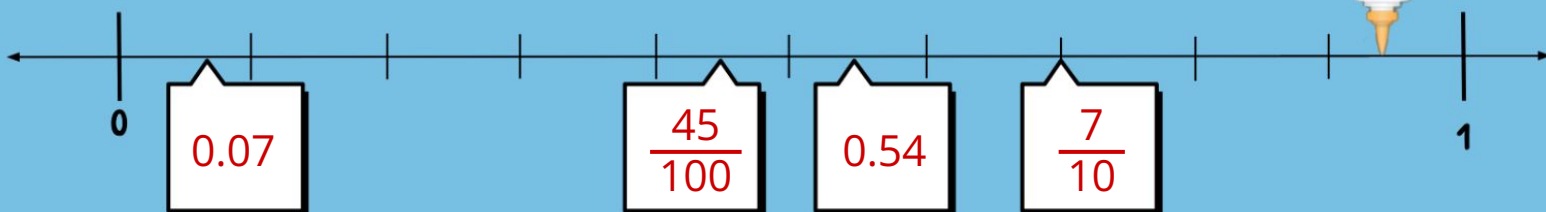
0.07

$\frac{7}{10}$

$\frac{45}{100}$

0.54

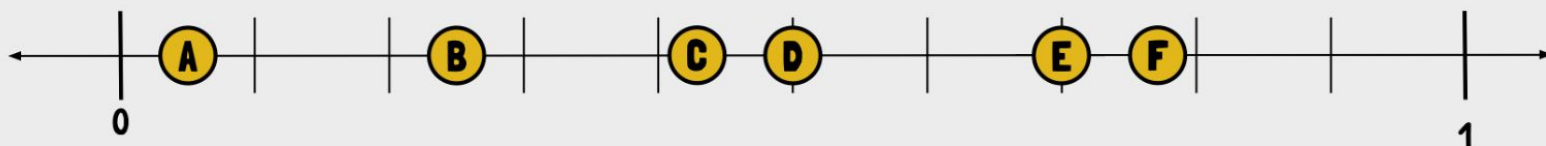
What value could the glue bottle trap here?



$0.77 = \textcircled{F}$

$\textcircled{A} = 0.05$

$0.25 = \textcircled{B}$



$\frac{5}{10} = \textcircled{D} = 0.5$

$\textcircled{C} = \frac{43}{100} = 0.43$



Javon and Chloe had a snail race.

Javon's snail got to 0.65 of the way.

Chloe's snail got to $\frac{7}{10}$ of the way.

Whose snail went further?

How do you know?

Possible answer:

Chloe's snail went farther because $\frac{7}{10}$ is more than 0.65 . 0.65 is 6 tenths and 5 hundredths. $\frac{7}{10}$ is 7 tenths, which is more than 6 tenths.

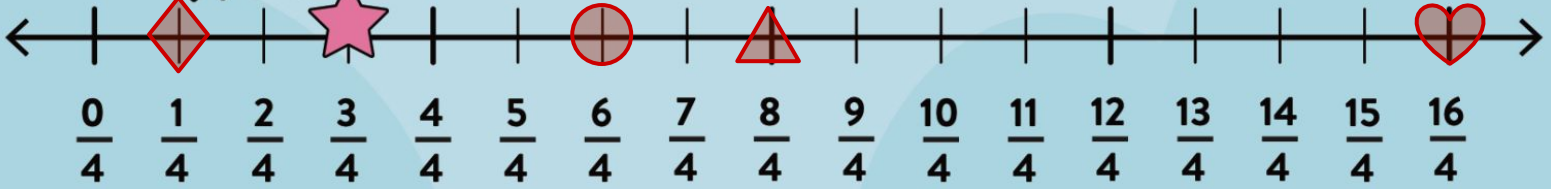
NUMBER LINE EQUIVALENCE



Where do the rest of these shapes go on the number line?

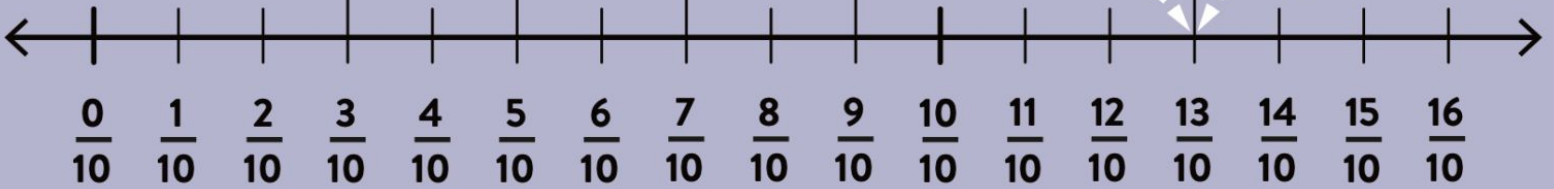


$\frac{6}{8}$	$\frac{3}{2}$	$\frac{24}{12}$	$\frac{2}{8}$	$\frac{8}{2}$
★	●	▲	◆	♥



Possible answers:

$\frac{30}{100}$	$\frac{25}{50}$	$\frac{14}{20}$	$\frac{18}{20}$	$\frac{39}{30}$	$\frac{26}{20}$	$\frac{130}{100}$
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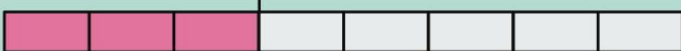


This number line is missing its labels. I can figure them out by...

Answers will vary depending on what students determine for themselves.



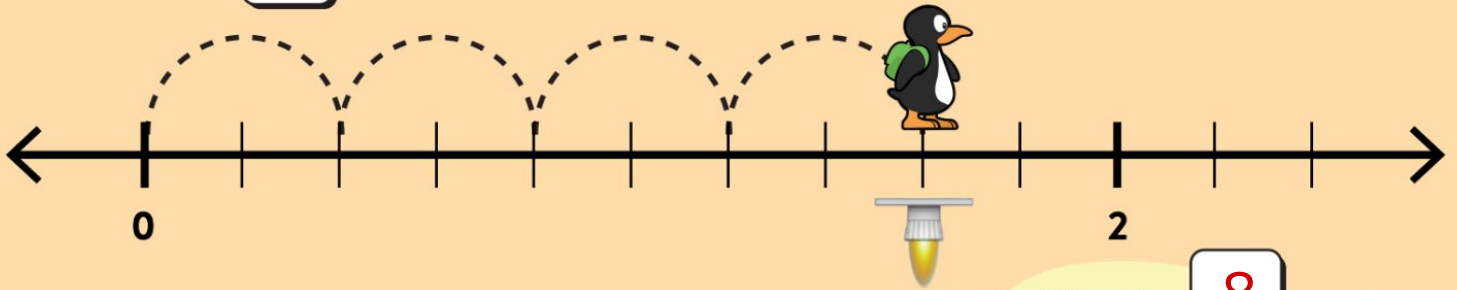
$\frac{6}{20}$	$\frac{24}{20}$	$\frac{32}{20}$
$\frac{3}{10}$	$\frac{12}{10}$	$\frac{16}{10}$



UNIT MULTIPLICATION ON THE NUMBER LINE



$$4 \times \begin{matrix} 2 \\ 5 \end{matrix}$$



Where is Jiji on the number line?

$$\begin{matrix} 8 \\ 5 \end{matrix}$$

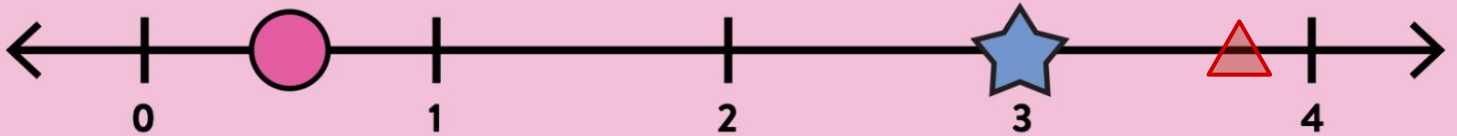
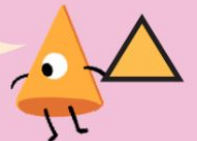


$$3 \times \begin{matrix} 1 \\ 6 \end{matrix} = \text{pink circle} = 5 \times \begin{matrix} 1 \\ 10 \end{matrix}$$

$$4 \times \frac{3}{4} = \text{blue star} = 6 \times \begin{matrix} 1 \\ 2 \end{matrix}$$

$$5 \times \frac{3}{4} = \text{yellow triangle} = 6 \times \frac{5}{8}$$

Where does this belong on the number line?



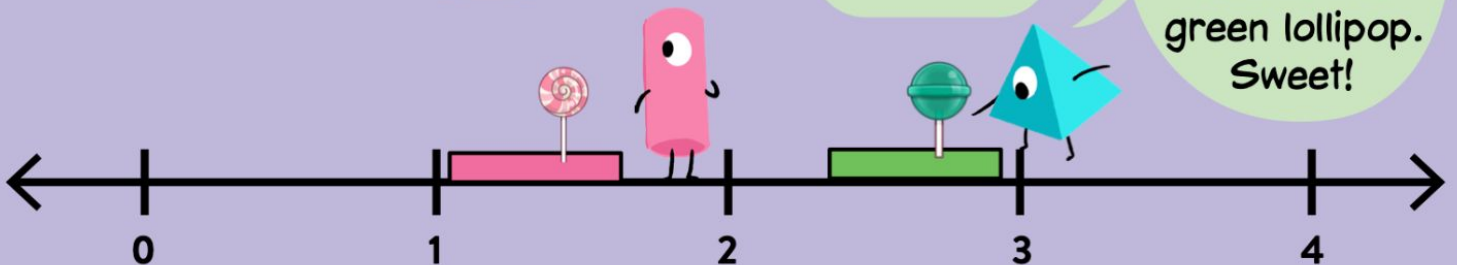
Answers may vary.

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

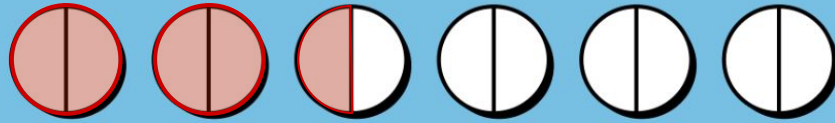
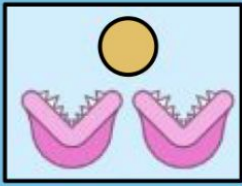
$25 \times \frac{1}{20}$ will put me next to the pink lollipop. Yum!

$$11 \times \begin{matrix} 1 \\ 4 \end{matrix}$$

$3 \times \begin{matrix} 9 \\ 10 \end{matrix}$ will put me next to the green lollipop. Sweet!

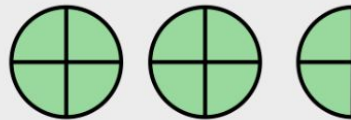
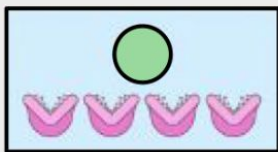
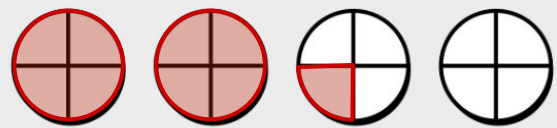
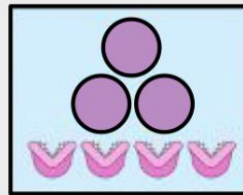


FRUIT MONSTER



$$\frac{1}{2} \times 5 = \frac{5}{2}$$

$$\frac{3}{4} \times 3 = \frac{9}{4}$$



$$\frac{1}{4} \times 10 = \frac{10}{4}$$



A cake recipe that serves six people needs 4 cups of sugar. I want to reduce the recipe to serve four people. How much sugar should I use?

Possible answer:

*4/6 cups of sugar per person.
4/6 cups x 4 people = 16/6 cups of sugar
16/6 is the same as 2 and 2/6 cups.*

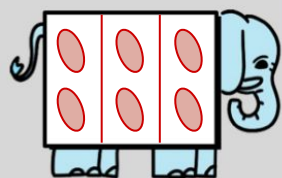
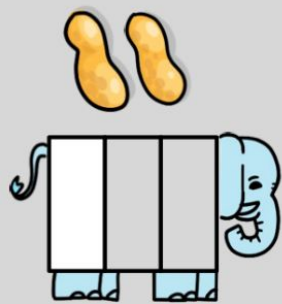
$$2 \times \frac{2}{3} = \frac{4}{3}$$

$$\frac{18}{5} = \frac{3}{5} \times 6$$



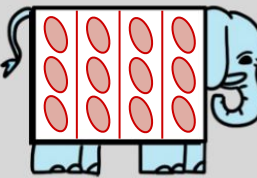
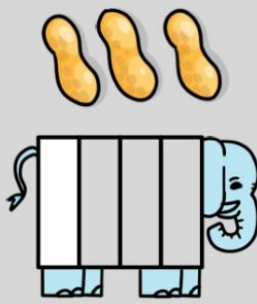
ELEPHANT PEANUTS

We would each eat **2** peanuts.

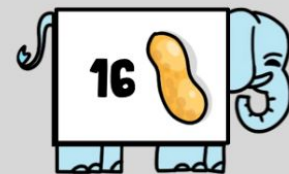
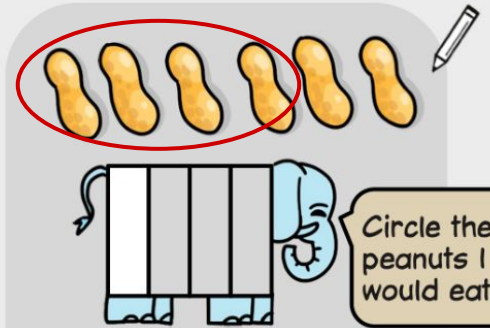


I would eat **6** peanuts

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



$$3 \div \frac{1}{4} = \boxed{12}$$



$$\boxed{4} \div \frac{1}{4} = \mathbf{16}$$

$$\boxed{18} = \mathbf{6} \div \frac{1}{3}$$

$$\mathbf{2} \div \frac{1}{2} = \boxed{4}$$



A cupcake uses $\frac{1}{2}$ cup of batter.
I made **8** cups of batter.
How many cupcakes can I make?

Possible answer:

8 cups \div $\frac{1}{2}$ = 16 cupcakes

I could make 16 cupcakes.