LEAST MOST

Which is the ***least***?

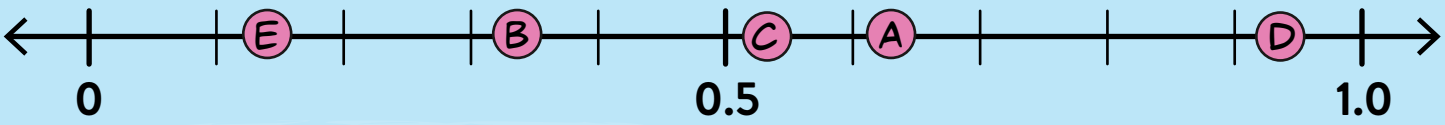
Which is the ***Greatest***?

What could these values be?

C =

D =

E =



Make K the greatest.

P 3.12

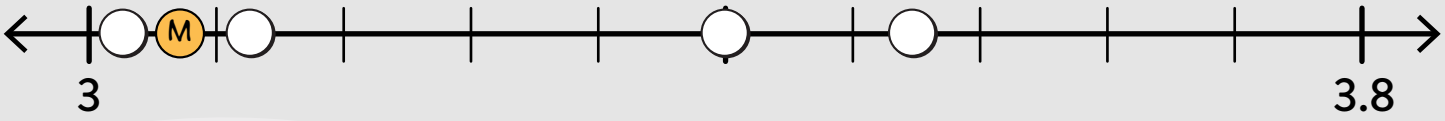
O 3.40

N 3.04

M

L 3.55

K



Least

Q 0.038

Q

R

S 0.05

T 0.032

U

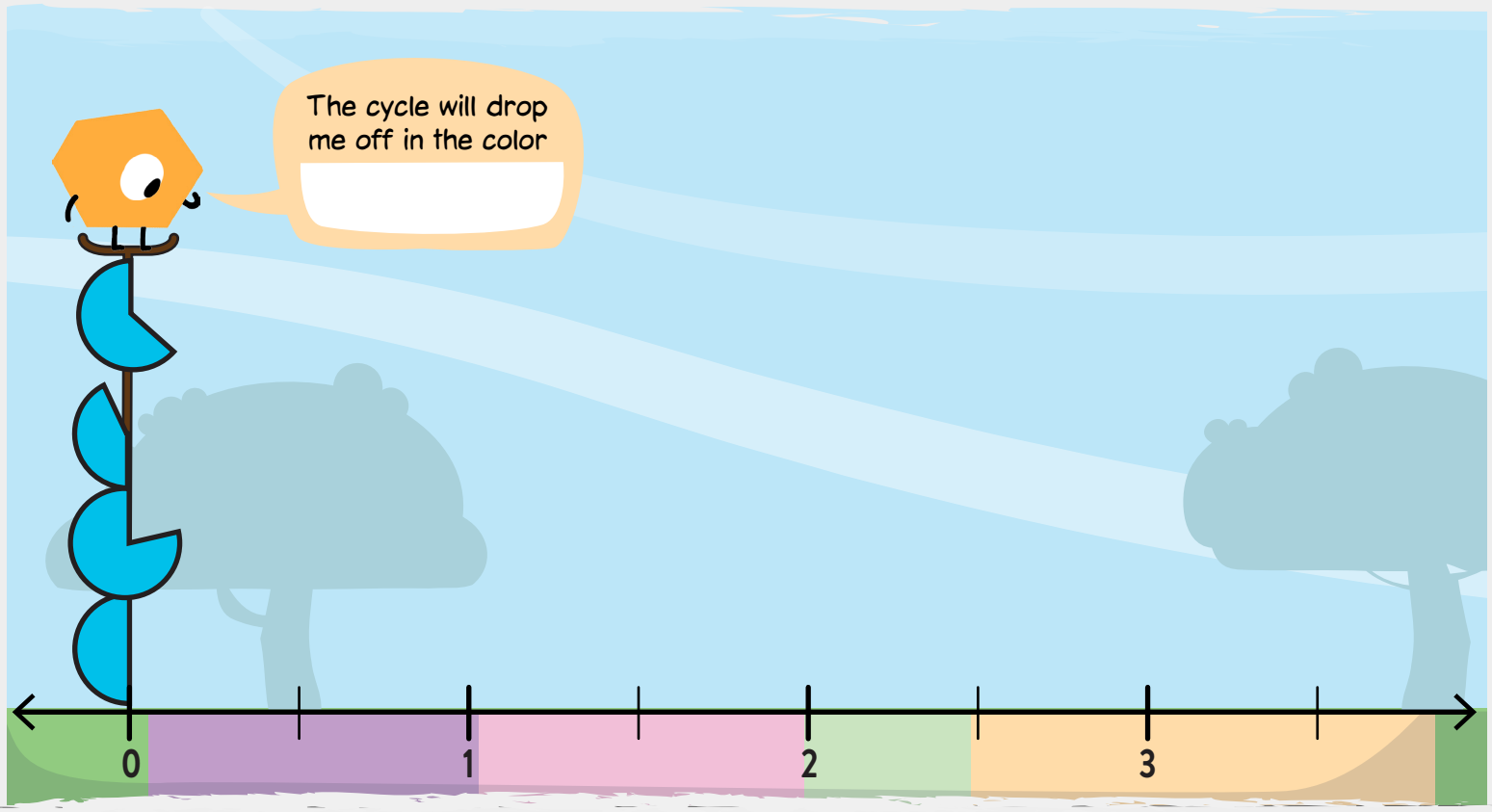
Greatest 0.025

My family went apple picking. When we were done, we each weighed what we picked.

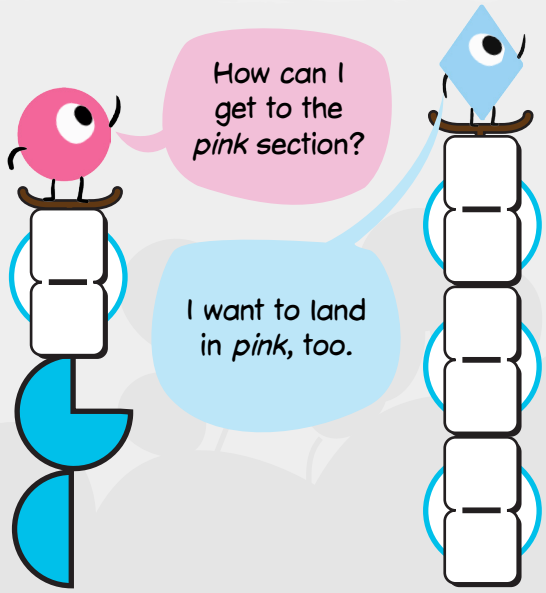
Little Sister	Louis	Mom	Stepdad
0.67lbs	1.32lbs	0.8lbs	1.04lbs

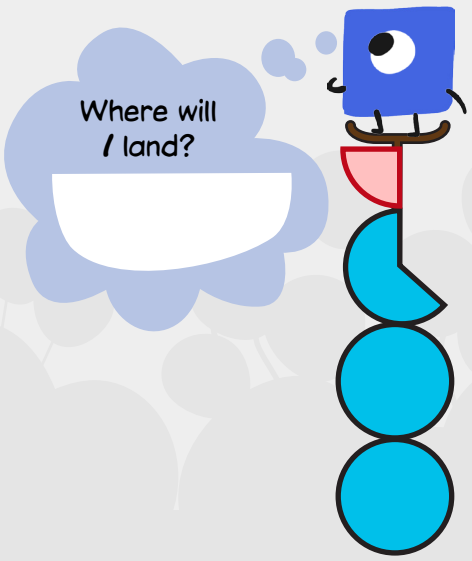
 's apples weighed the ***least***.

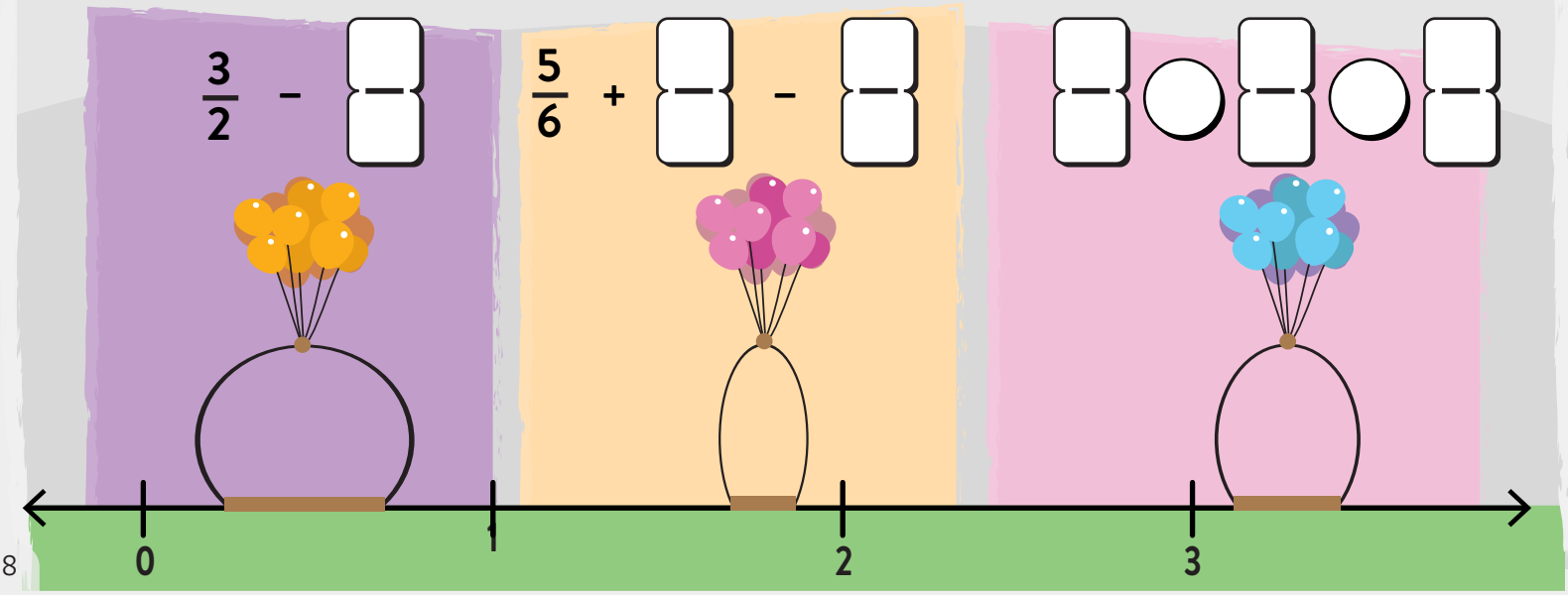
 's apples weighed the ***most***.



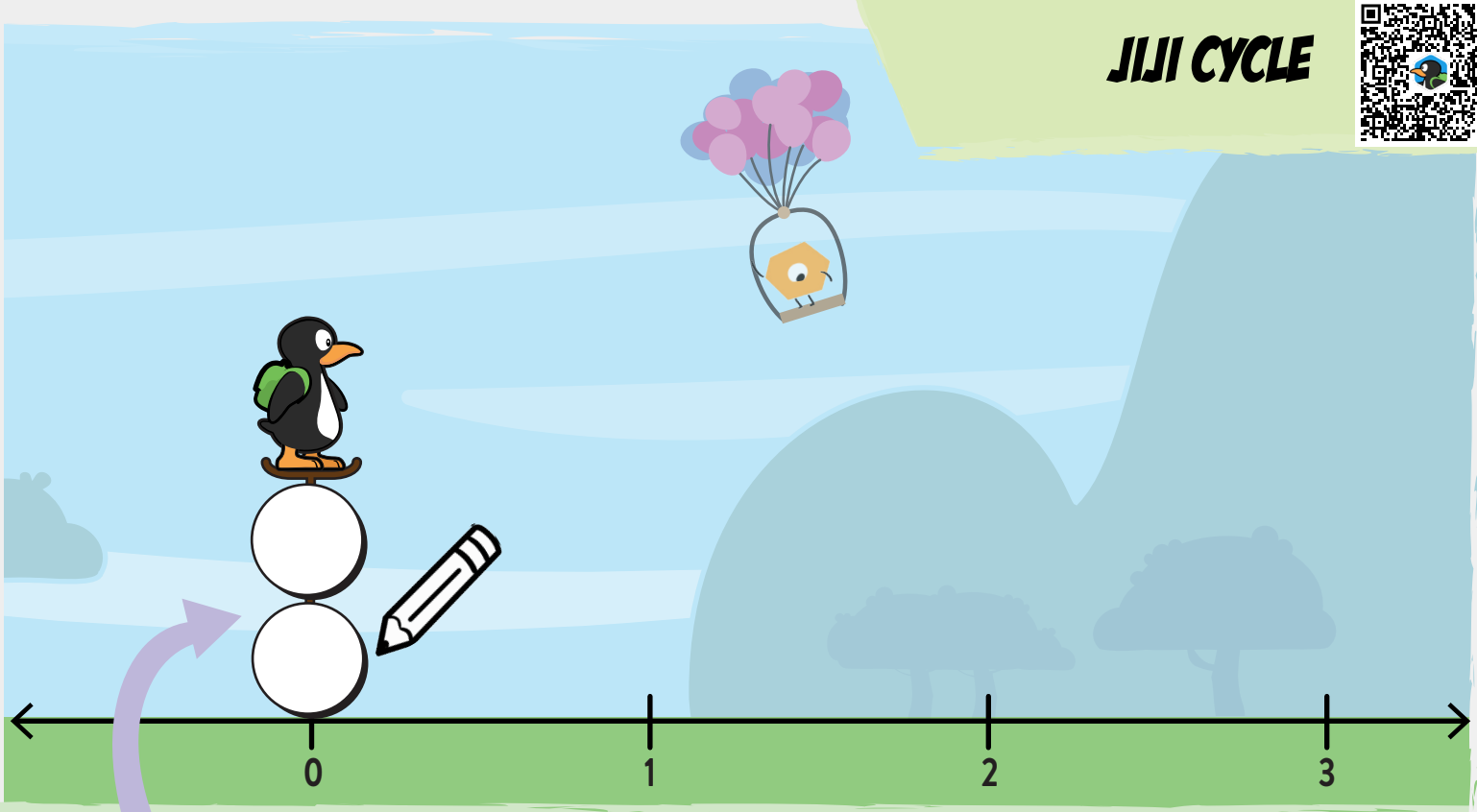
$\frac{1}{2}$	$\frac{1}{10}$
$\frac{2}{8}$	$\frac{1}{4}$
$\frac{2}{4}$	$\frac{3}{4}$





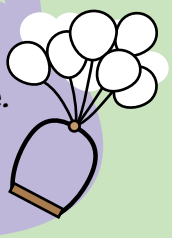


JiJi Cycle



JiJi moves forward by $\frac{7}{15}$ of a wheel, then another $\frac{11}{20}$ of a wheel.

Skech what this puzzle will look like. About where will JiJi Land?



How did you use estimation to solve this puzzle?

Connect the values that are the closest match.

 + ≈

 +  ≈

 + $\frac{11}{5}$ ≈

$\frac{7}{8}$ + $\frac{12}{13}$ ≈

$\frac{1}{10}$ + $\frac{9}{20}$ ≈

$\frac{24}{25}$ − $\frac{8}{9}$ ≈

$\frac{24}{6}$ − $\frac{9}{10}$ ≈

≈ 0

≈ $\frac{1}{2}$

≈ 1

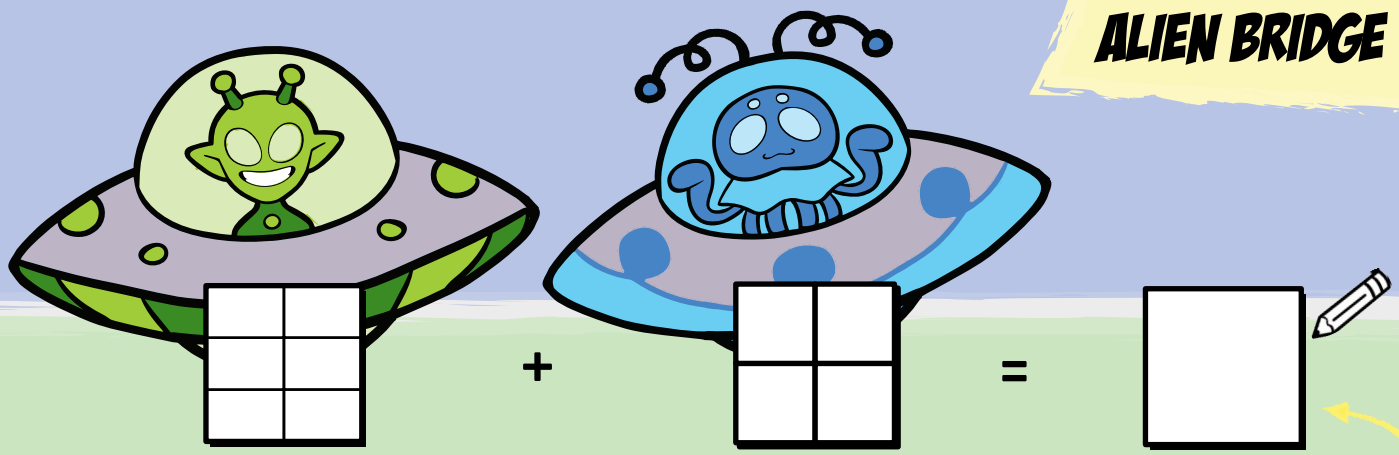
≈ $1\frac{1}{2}$

≈ 2

≈ $2\frac{1}{2}$

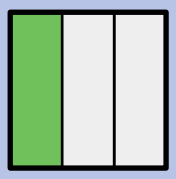
≈ 3

ALIEN BRIDGE



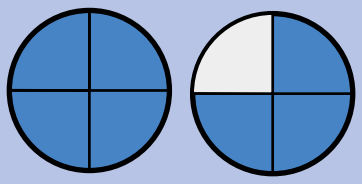
The Martian has $\frac{3}{6}$ of a fuel tank. The Plutonian has $\frac{1}{4}$ of a fuel tank. How much fuel do they have altogether?

$\frac{3}{4} + \square = 2$

$\frac{5}{6} +$  $= \square$

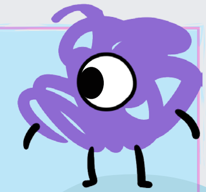
$\square = \frac{2}{3} + \frac{1}{8}$

$\frac{6}{4} - \frac{1}{2} = \square$

 $+ \frac{5}{8} = \square$

Which problem was most challenging to you? Why?

$\frac{3}{2}$ $\frac{1}{2}$ $\frac{8}{3}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{4}$ $\frac{1}{4}$ $\frac{4}{5}$ $\frac{5}{5}$ $\frac{9}{8}$

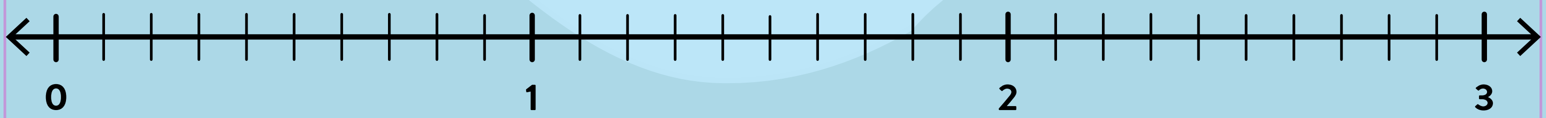


Make your own equations using these fractions.

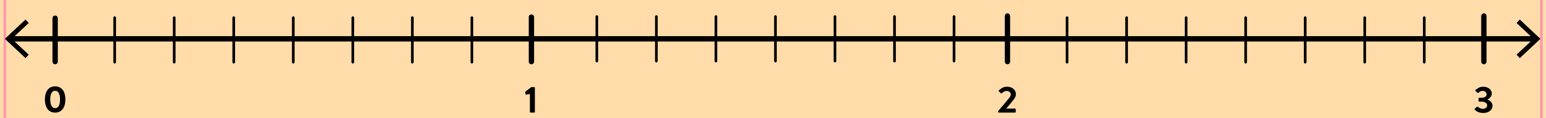
Each card gets used once, so they'll all fit in an equation.

The number line is a useful tool to show your thinking but make sure you choose the fractions carefully for each number line!

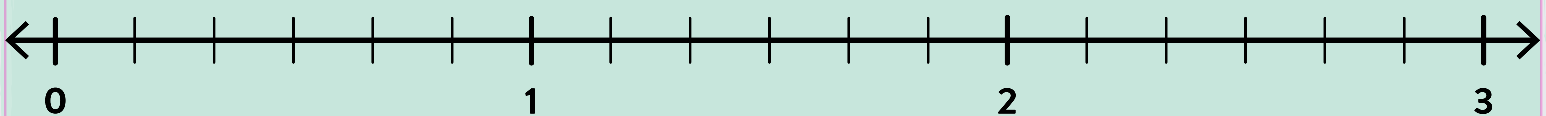
$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



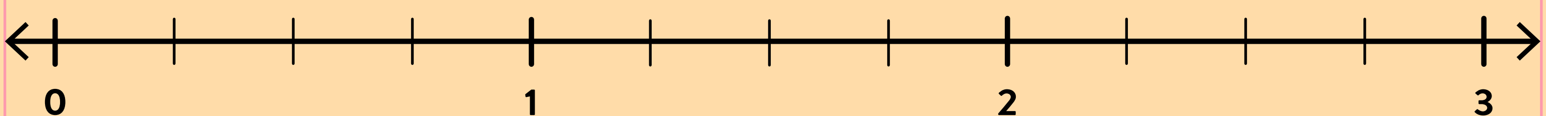
$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



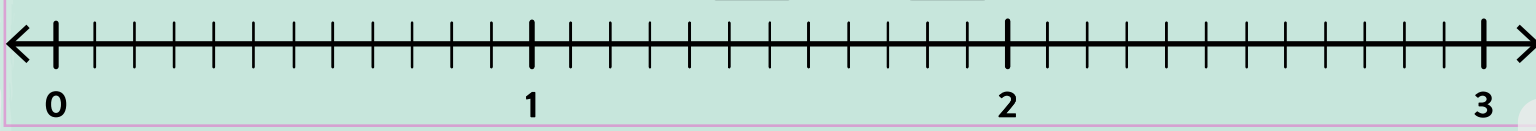
$\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$



$\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$



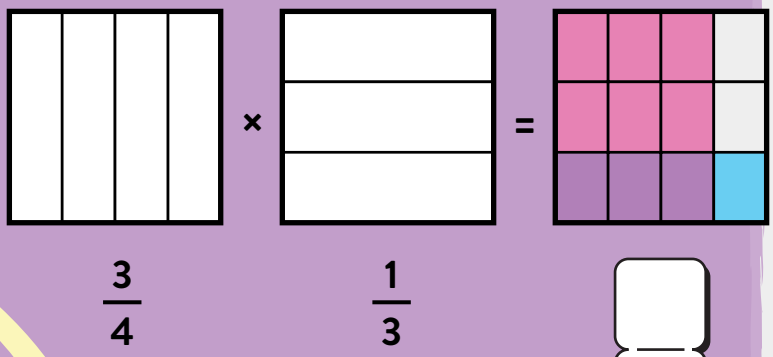
$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



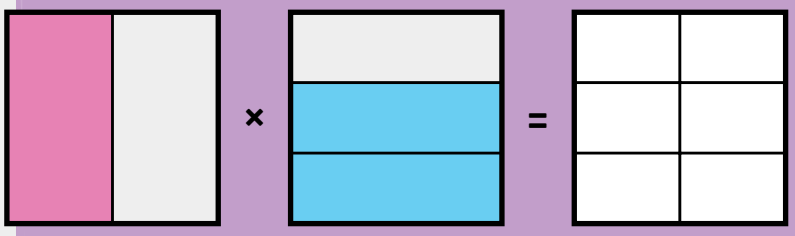
FRACTION AREA

>, <, or = ?

$\frac{3}{4} \times 3 \bigcirc \frac{3}{4}$ and $\frac{3}{4} \times \frac{1}{3} \bigcirc \frac{3}{4}$

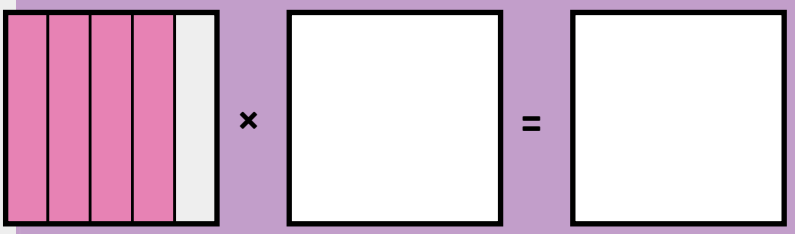


$\frac{3}{4}$ × $\frac{1}{3}$ = ☐

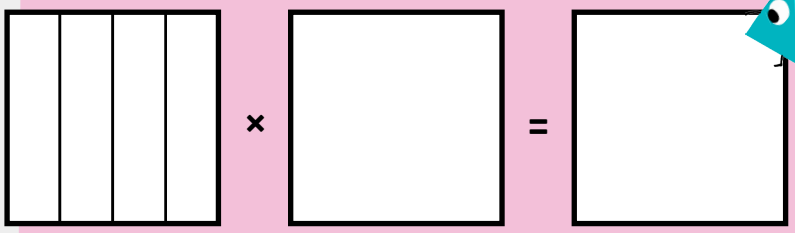


$\frac{1}{2}$ × $\frac{2}{3}$ = ☐

because...



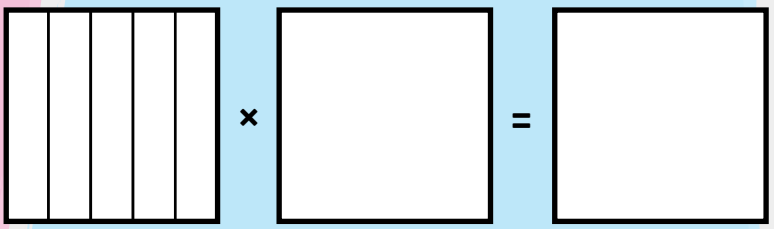
☐ × $\frac{1}{2}$ = ☐



$\frac{3}{4}$ × $\frac{2}{5}$ = ☐

$\frac{2}{5}$ of $\frac{3}{4}$ looks like...

$\frac{3}{4}$ of $\frac{2}{5}$ looks like...

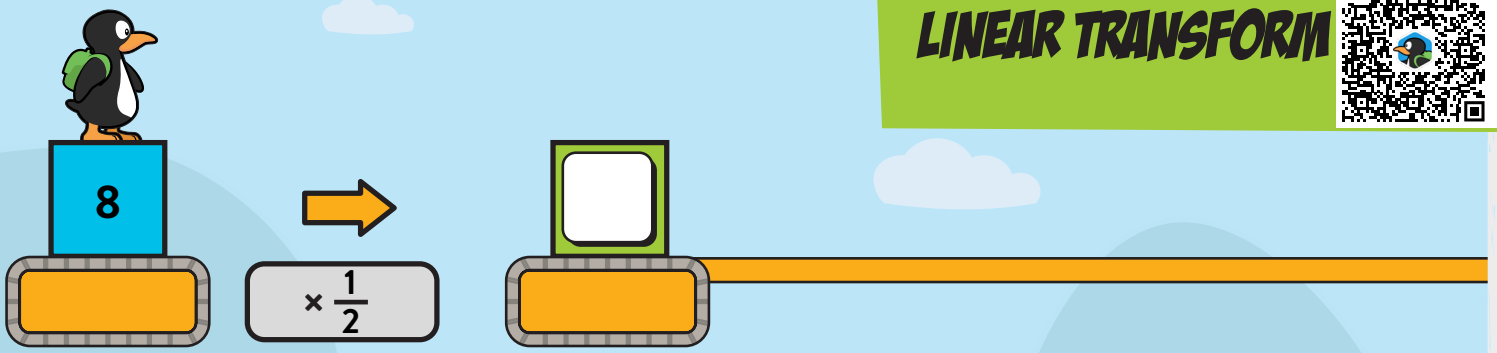


$\frac{2}{5}$ × $\frac{3}{4}$ = ☐

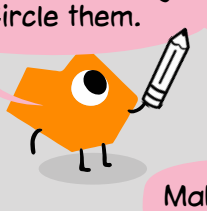
These problems are
☐ the same ☐ different

because...

LINEAR TRANSFORM



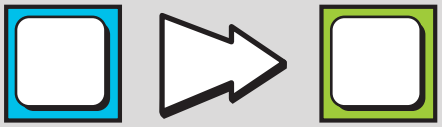
Which two operation machines do the same thing? Circle them.



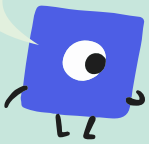
Make your own machines that...

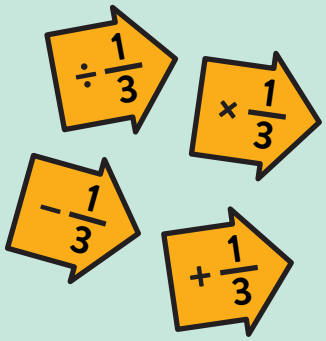
Increase

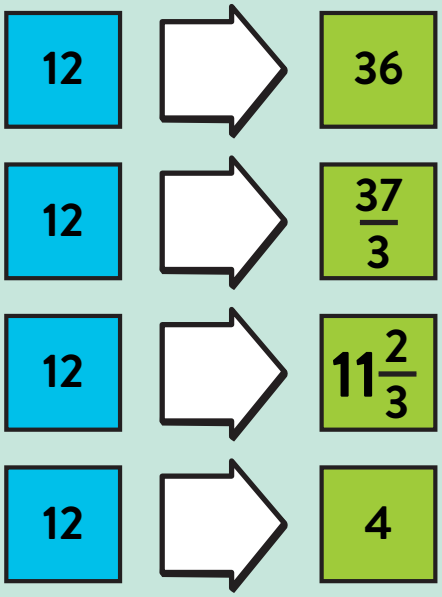
Decrease



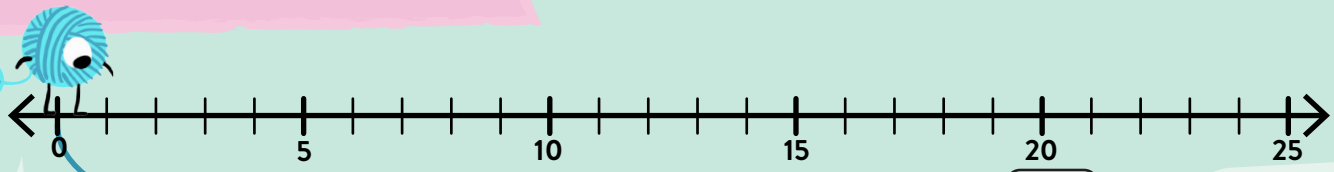
Help me put these machines together!



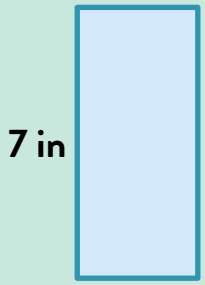


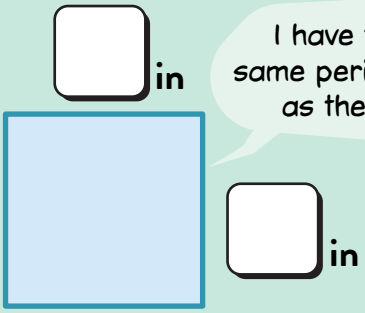


AREA, PERIMETER,



Plot the ***perimeter*** of these shapes on the number line.





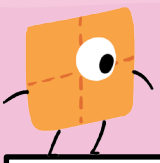
I have the same perimeter as them.

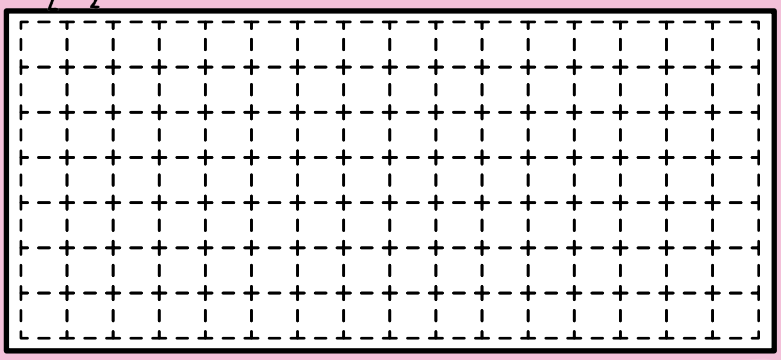
I wonder if these rectangles have the same ***area***.

Area = sq. in

Area = sq. in

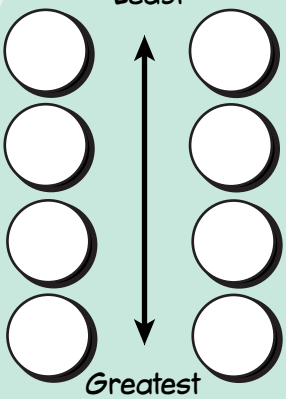
Area = sq. in



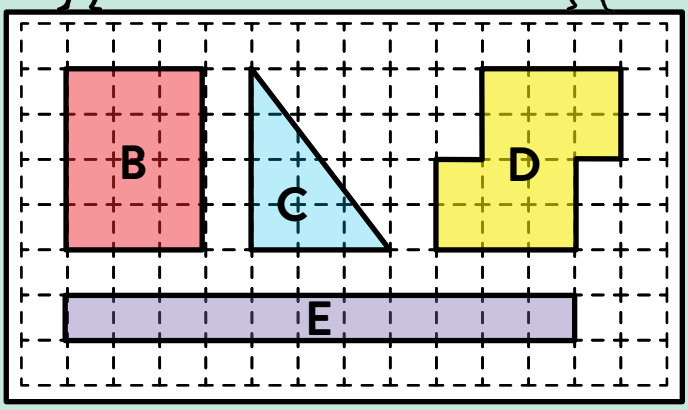


List the ***perimeter*** *and* ***area.***

Least



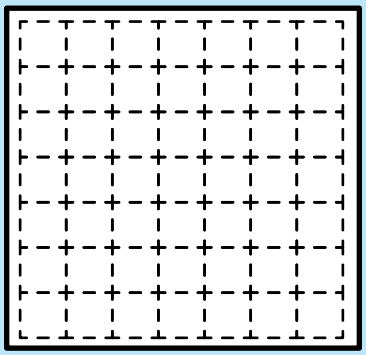
Greatest

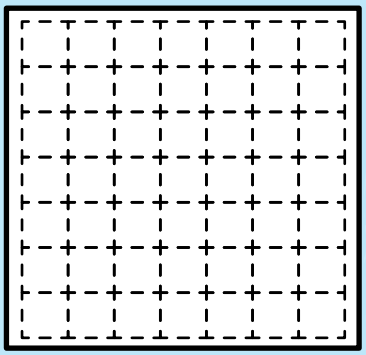


What do I look like?

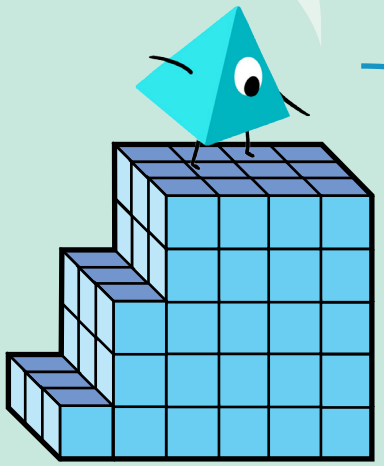
My area is **35** square units. One side of my rectangle is **2** square units longer than the other.

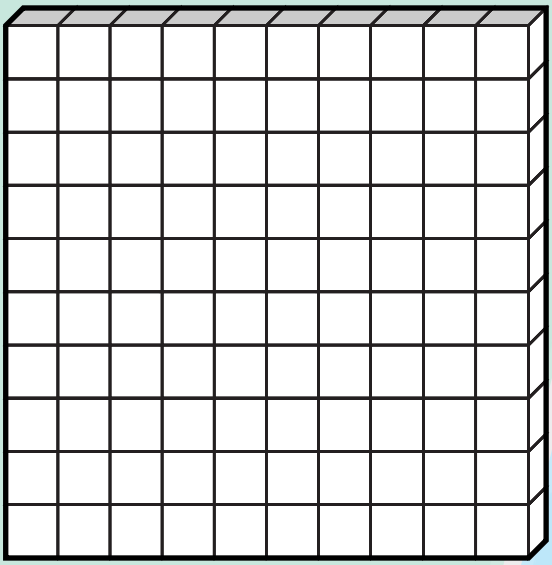
My area is half the number of square units as my perimeter's length.





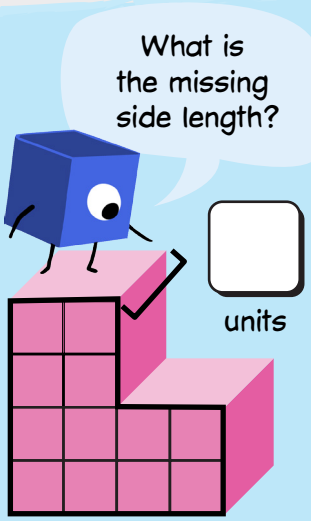
AND VOLUME



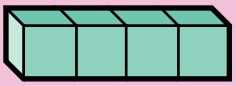


Volume =

cu. in



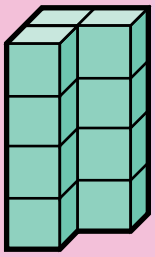
Volume = **60** cubic units



Q

Volume =

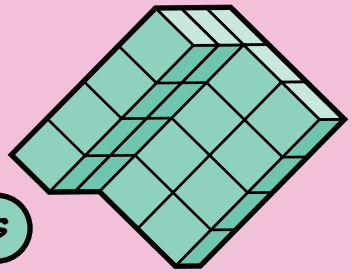
cu. in



R

Volume =

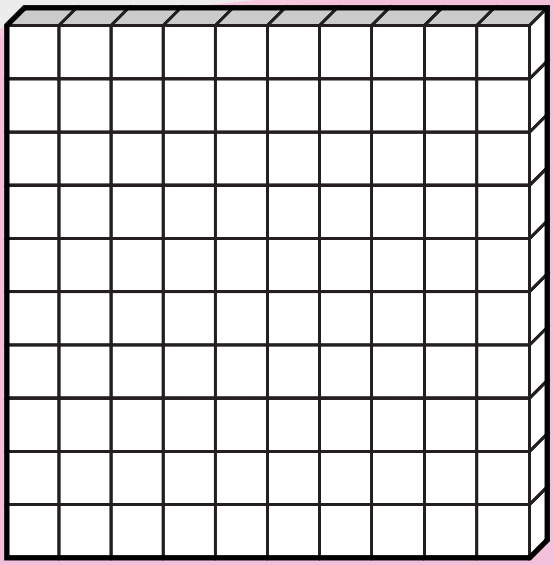
cu. in



S

Volume =

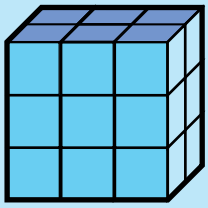
cu. in



Q + R + S =

Volume =

cu. in

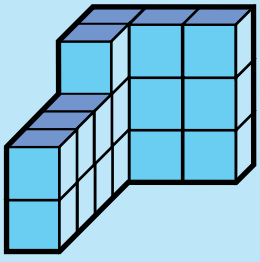


Volume =

cu. in

What's your strategy to find the volume of this prism?

I used a ☐ similar ☐ different strategy to find the volume of this shape.



Volume =

cu. in