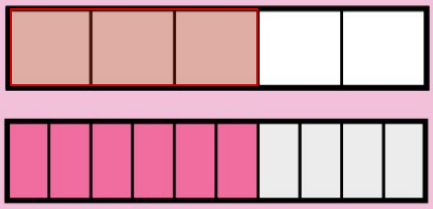
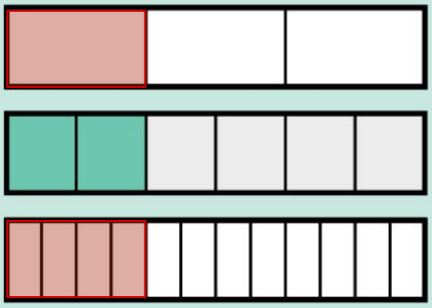
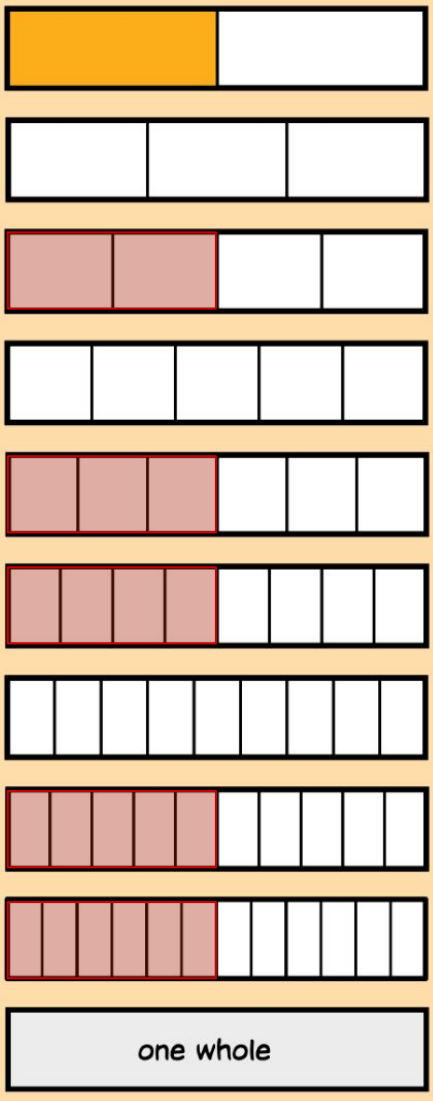
FRACTION BRICKS



$$\frac{3}{5} = \frac{6}{10}$$



$$\frac{1}{3} = \frac{2}{6} = \frac{4}{12}$$



$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$$

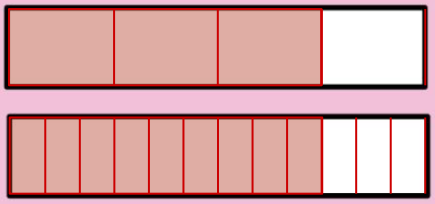
I can't make equivalent fractions out of all of these bars because...

Possible answer:

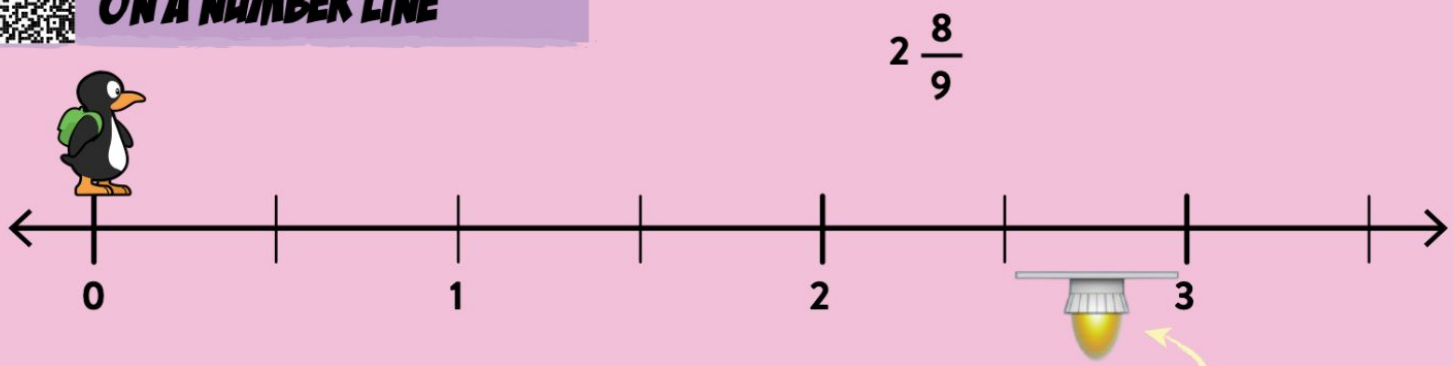
An odd amount of parts (fractions with an odd denominator) can't be split in half.

Possible answer:

$$\frac{3}{4} = \frac{9}{12}$$



ESTIMATE FRACTIONS ON A NUMBER LINE



Will JiJi land on the platform?
How do you know?

Possible answer:

Yes, because 8/9 is really close to the next whole, so 2 8/9 is really close to 3, which is where the platform is.

Where are the critters located on the number line?

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

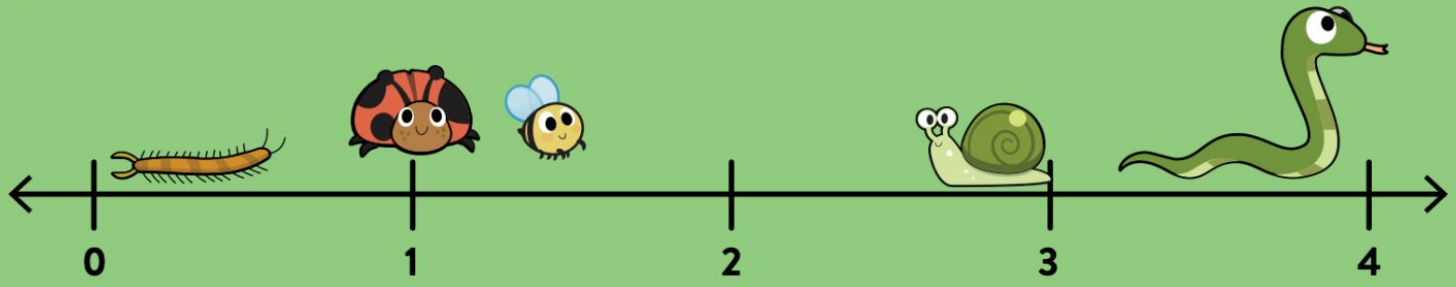
ladybug = $\frac{3}{3}$

Possible answers:

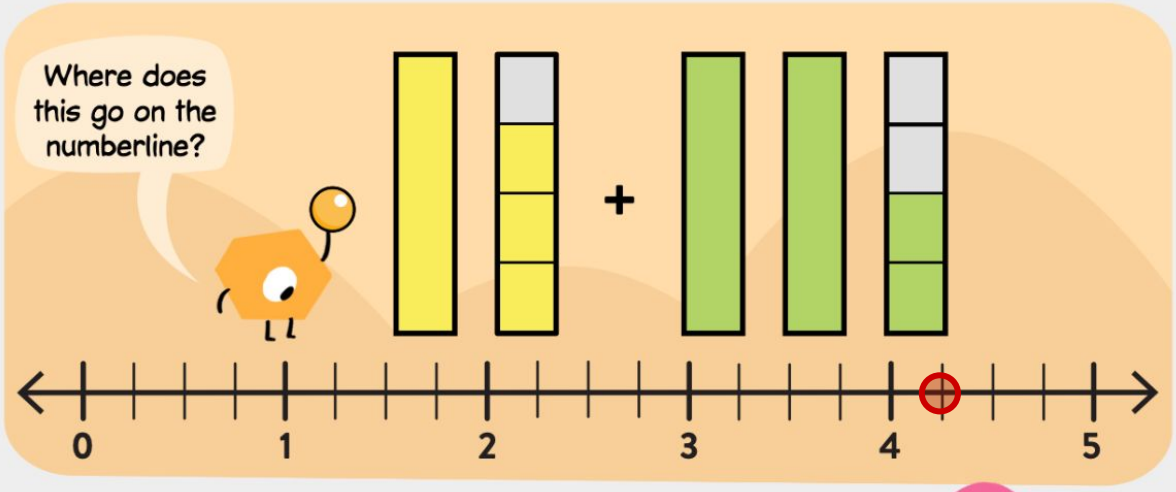
 = $\frac{1}{2}$ or $\frac{1}{8}$

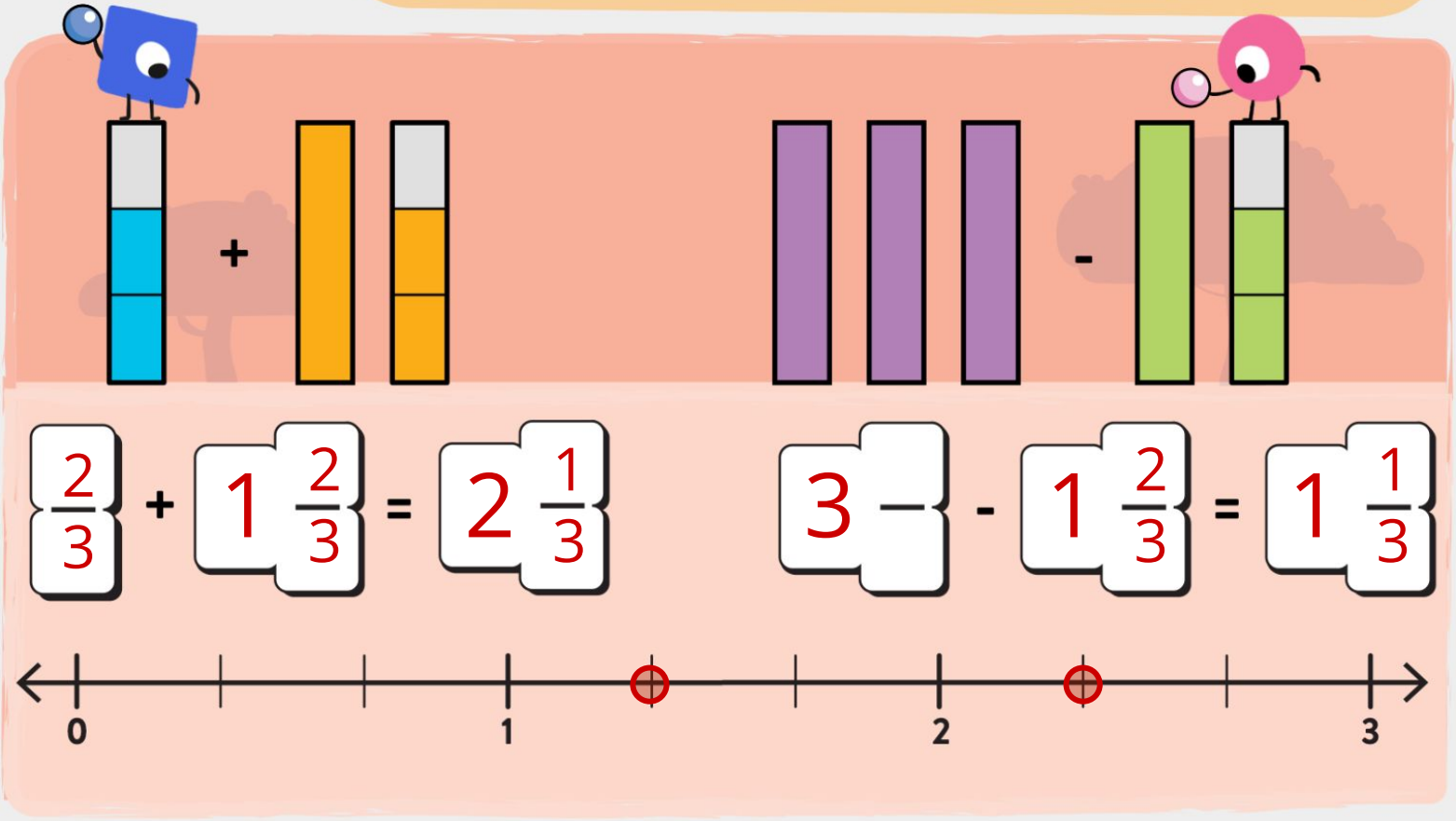
 = $2\frac{5}{6}$

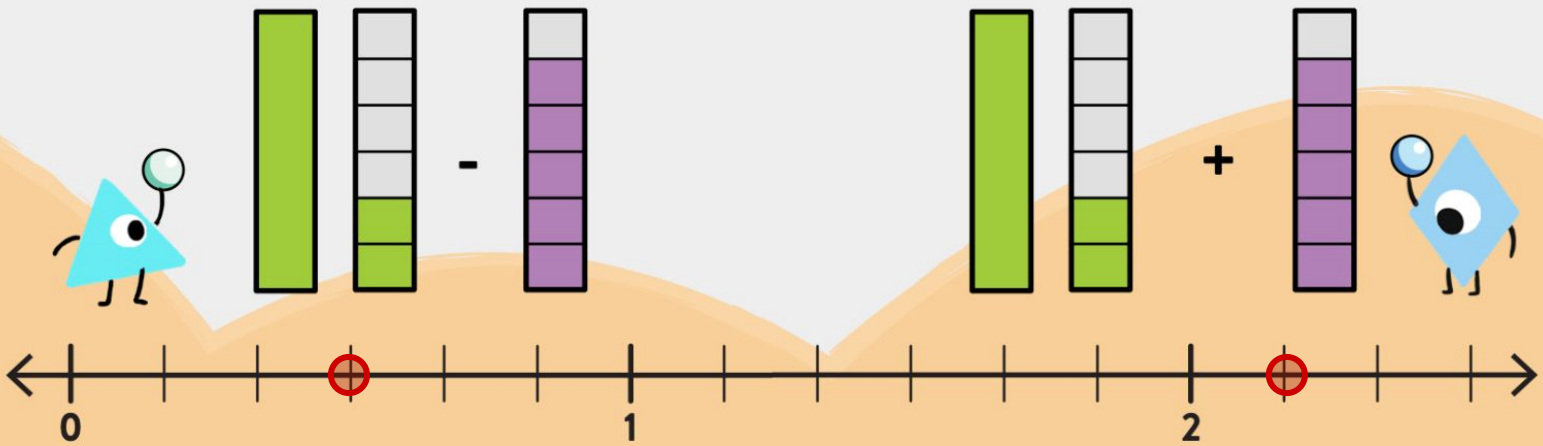
$\frac{23}{6}$ = snake



SCALE FRACTION

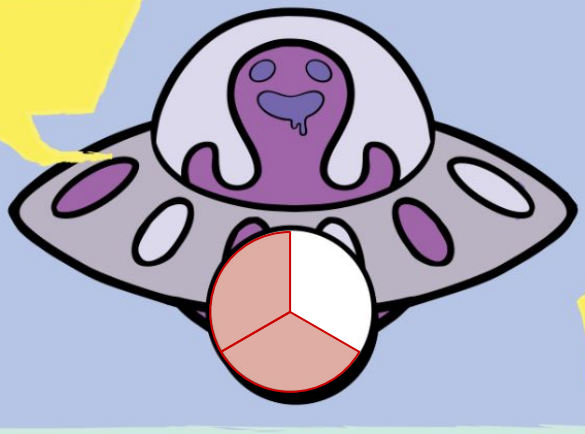






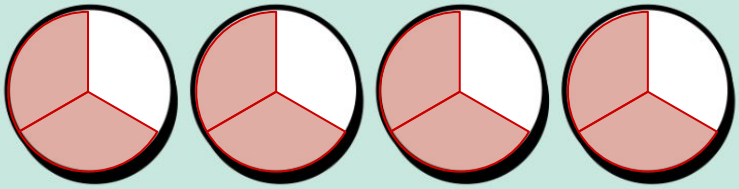
ALIEN BRIDGE

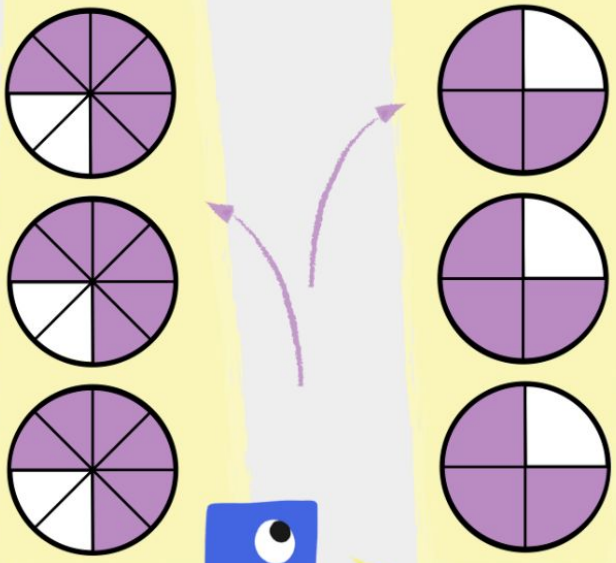
Let's take $\frac{2}{3}$



$4 \times$

If we do that four times, altogether we'll have $\frac{8}{3}$

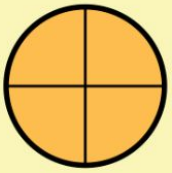




How are these sets of models the same? How are they different?

Possible answer:

Both models show 3 copies of the same amount (¾ or 6/8) and equal the same amount, 2¼. But the left model is in eighths and the right model is in fourths.

$4 \times$  $=$ 

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

That's the same as 2 wholes.

$5 = 10 \times \frac{1}{2}$

$8 \times \frac{1}{6} = \frac{8}{6}$

$3 \times \frac{2}{3} = \frac{6}{3}$

FRACTION & DECIMAL GRID

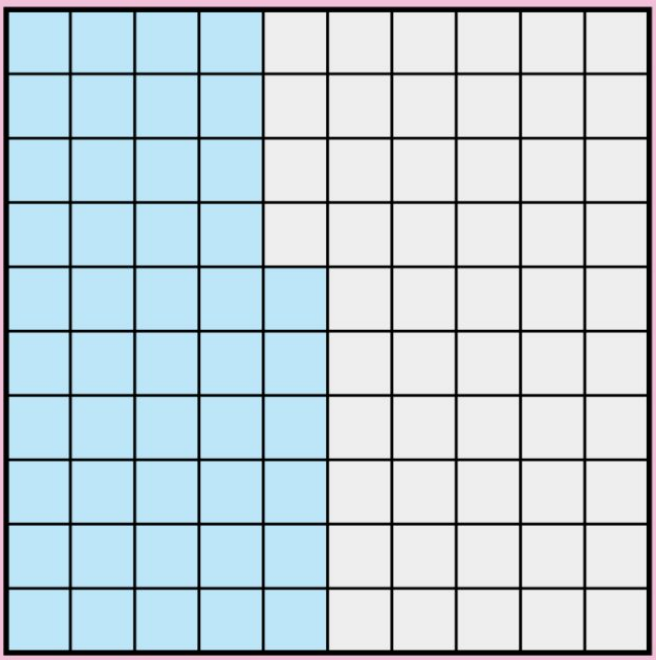
$\frac{6}{10} + 0.04 =$ 0.64

$0.06 + \frac{4}{10} =$ 0.46

$\frac{4}{10} + 0.6 =$ 1

$0.06 + \frac{4}{100} =$ 0.1

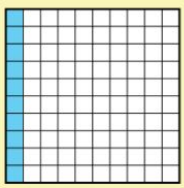
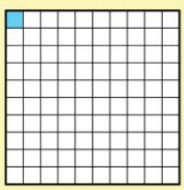
Circle the equation that is modeled by this grid.



The empty part of this grid can be expressed as:

0.54
or
5 tenths and 4 hundredths

This table will be helpful to keep track of tenths and hundredths.

Model	Words	Decimal	Fraction
	One-Tenth	0.1	$\frac{1}{10}$
	one hundredth	0.01	$\frac{1}{100}$

This is equal to

$\frac{10}{100}$