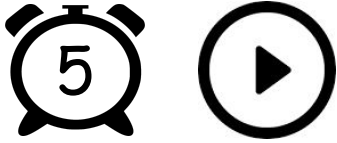# Equivalent Fractions

Find sets of equivalent fractions
using bar models
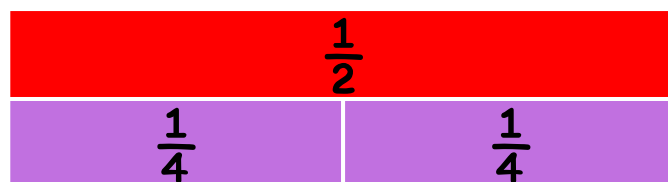
Explore the Tool

Look for patterns and relationships.

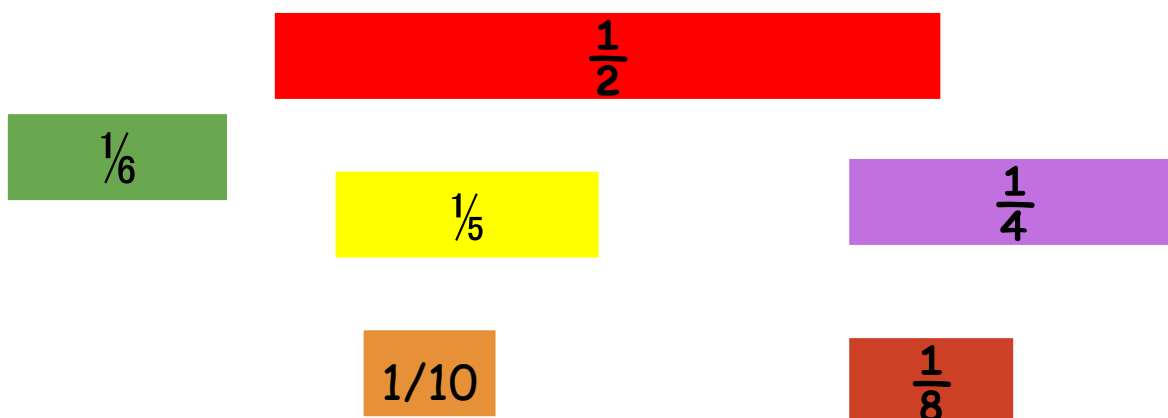*Share with a partner then discuss as a class.*

How many equivalent fraction pairs can you find?

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

Work with a partner, then draw and label the equivalent fractions on your handout.
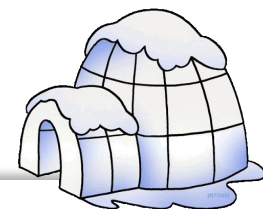
Share strategies for finding equivalent fraction pairs.

$\frac{1}{2}$

⅙

$\frac{1}{5}$

$\frac{1}{4}$

1/10

$\frac{1}{8}$

JiJi filled half the gap using one ice block.

1/2 ?

Show two ways to fill the other half without using another ½ block.
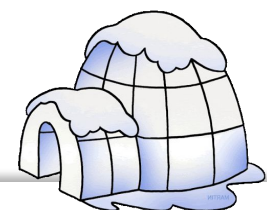
Draw and label your answers on the organizer.

How can JiJi fill the other half?

1/2   ?

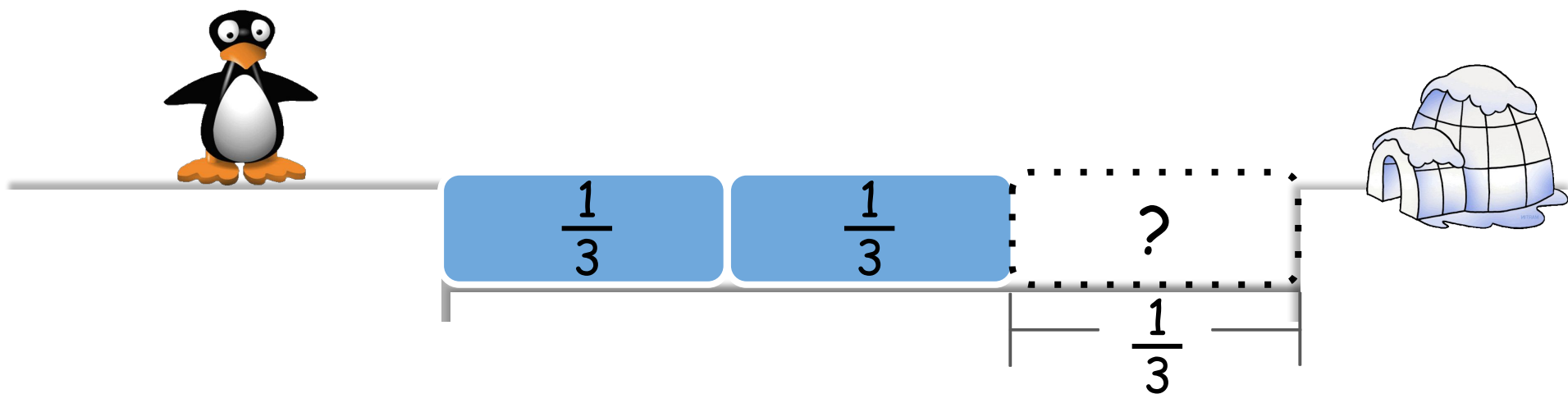*Share with a partner then discuss as a class.*
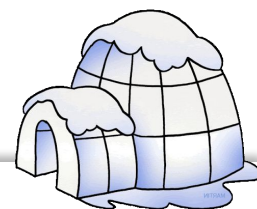
JiJi ran out of $\frac{1}{3}$ ice blocks. Find two ways to fill the gap.

| $\frac{1}{3}$ | $\frac{1}{3}$ | ? |

$\frac{1}{3}$

Draw and label your answers on the organizer.

What equivalent fractions did you find for 1/3 ?

$$\frac{1}{3}$$ $$\frac{1}{3}$$?

$$\frac{1}{3}$$
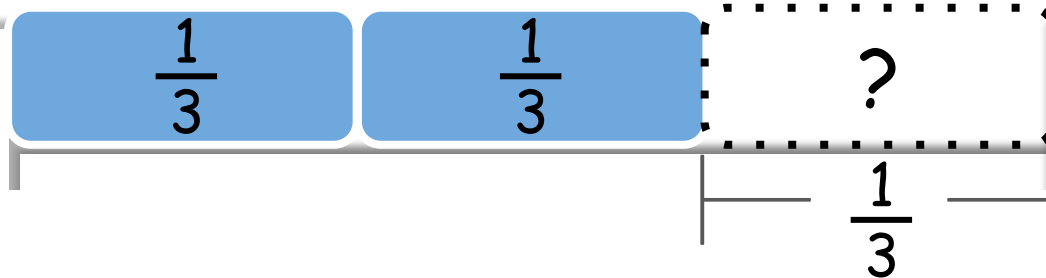
Share with a partner then discuss as a class.
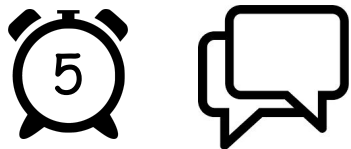
Is It True?

"When the numerator is half the denominator then the value of the fraction is a half."

1/2				1/2			
1/4		1/4		1/4		1/4	
1/6	1/6		1/6	1/6	1/6		1/6
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
?							

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{?}{?}$$