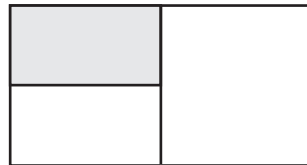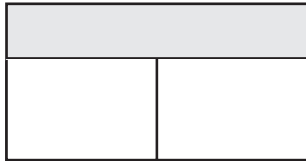# Working with Fractions

In two of these pictures, the shaded part shows $\frac{1}{3}$.
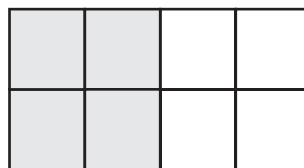
Circle the picture that does NOT have $\frac{1}{3}$ shaded.
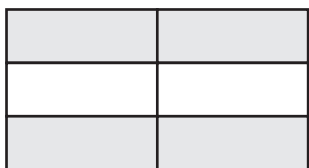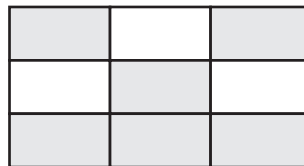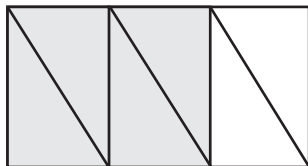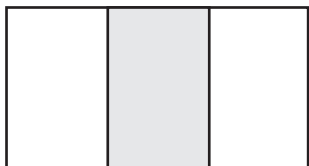
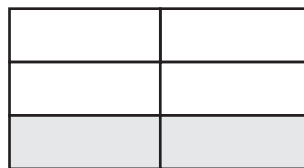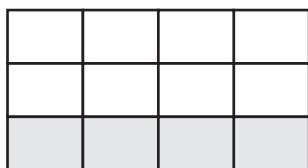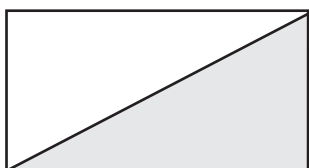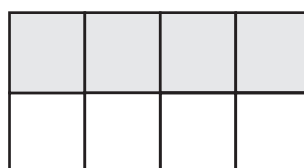Explain how you knew the picture did not show $\frac{1}{3}$.

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Making Equivalent Fractions

1 Circle the pictures that have $\frac{2}{3}$ shaded.

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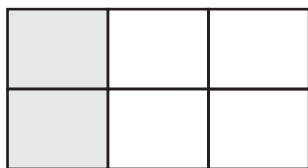
2 Circle the pictures that have $\frac{2}{4}$ shaded.
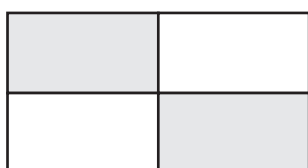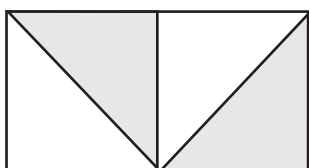
Exploring Equivalent Fractions

**Oh no! The labels got smudged, and most of
the numbers were erased! What could this
table be about? Fill in the numbers, and make
up a story that could fit.**

	1 bird	2 birds	3 birds	4 birds	5 birds	6 birds	7 birds	8 birds	9 birds	10 birds
Number of 🐦	2									
Number of 🐦			24							

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Fractional Relationships in Context

Shade $\frac{1}{2}$ of each picture.
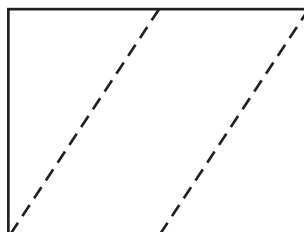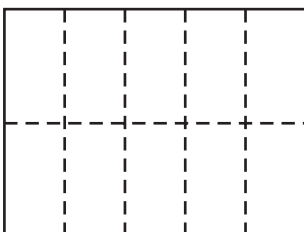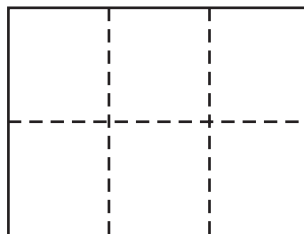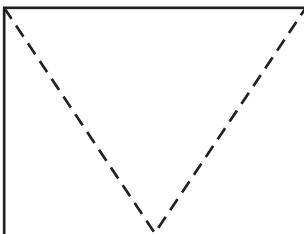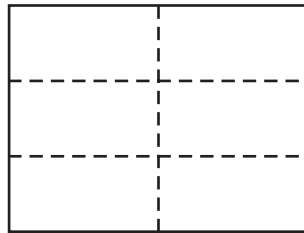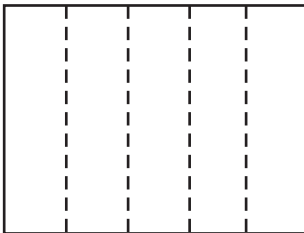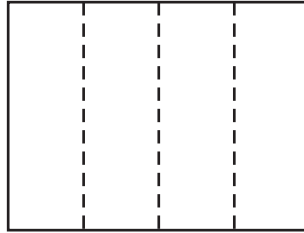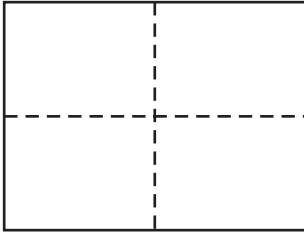
Comparing Fractions in Context

One egg is $\frac{1}{12}$ of a dozen eggs.
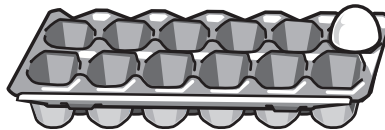
Crystal had half a dozen eggs. She borrowed one more egg from her neighbor.

1 How many eggs did she have then? _____ eggs

2 Complete the number sentence.

$$\frac{1}{2} + \frac{1}{12} = \frac{\square}{\square}$$

3
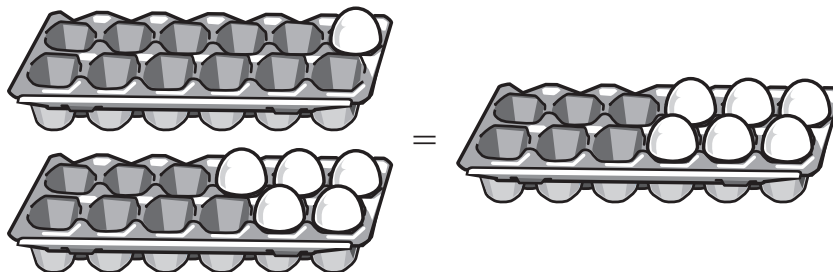
1 twelfth of a dozen and 5 twelfths of a dozen is the

same as _____ twelfths of a dozen, or _____ half dozen.

$$\frac{1}{12} + \frac{5}{12} = \frac{6}{12} = \frac{\square}{2}$$

$$\frac{6}{12} - \frac{1}{12} = \frac{\square}{\square}$$

$$\frac{\square}{2} - \frac{\square}{\square} = \frac{\square}{\square}$$

Comparing Fractions

Label the blank bars if you want.

1

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

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

| $\frac{1}{4}$ | | | |

| $\frac{1}{5}$ | | | | |

| $\frac{1}{6}$ | | | | | |

| $\frac{1}{8}$ | | | | | | | |

| $\frac{1}{9}$ | | | | | | | | |

| $\frac{1}{12}$ | | | | | | | | | | | |

Make true sentences using <, >, or =.

Examples: $3 < 5$ $\frac{3}{4} = \frac{3}{4}$ $84 > 83$

1 $\frac{2}{5}$ $<$ $\frac{3}{6}$

2 $\frac{5}{12}$ $\bigcirc$ $\frac{1}{2}$

3 $\frac{2}{3}$ $\bigcirc$ $\frac{5}{6}$
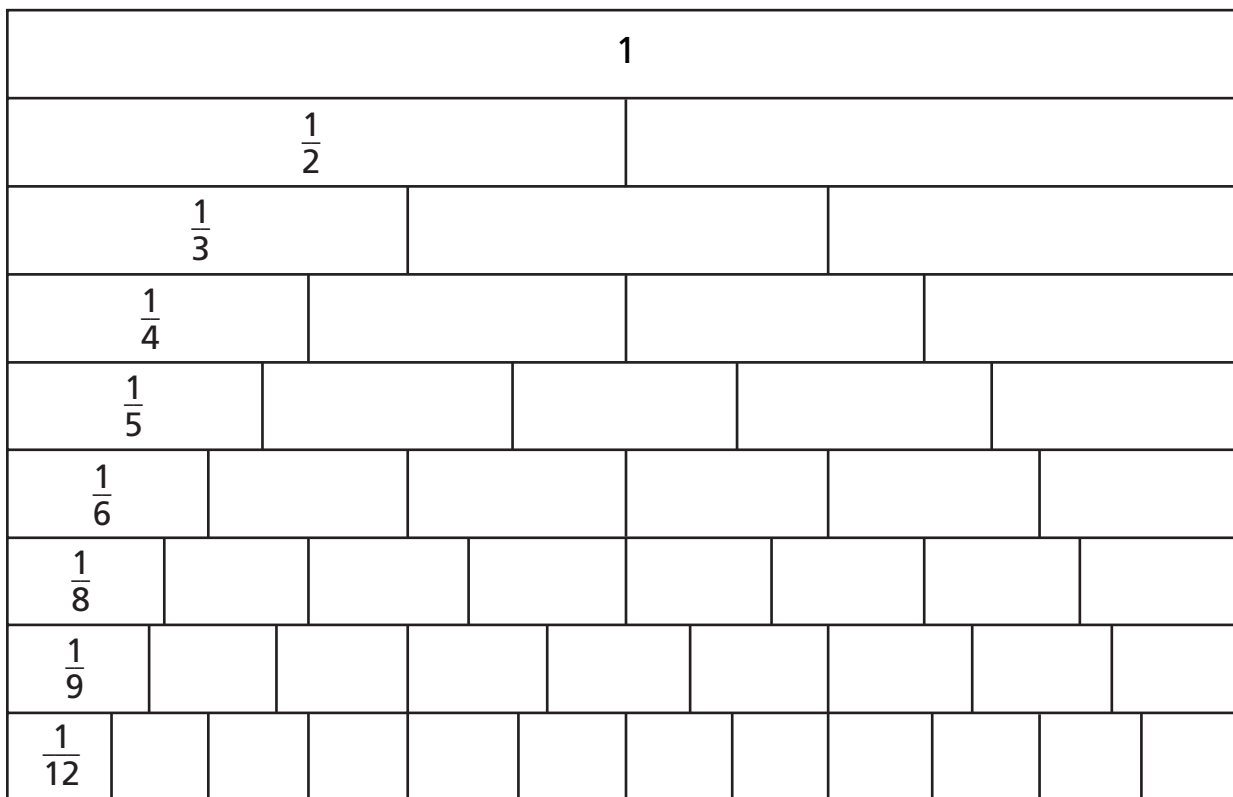
4 $\frac{1}{2} + \frac{1}{2}$ $\bigcirc$ $\frac{1}{3} + \frac{1}{3}$

5 $\frac{1}{2} - \frac{1}{2}$ $\bigcirc$ $\frac{1}{3} - \frac{1}{3}$

6 $\frac{1}{3} + \frac{1}{3}$ $\bigcirc$ $\frac{1}{2} - \frac{1}{3}$

7 $\frac{3}{4} + \frac{3}{4}$ $\bigcirc$ $\frac{2}{5} + \frac{3}{5}$

8 $\frac{1}{3} + \frac{1}{2}$ $\bigcirc$ $\frac{1}{2} + \frac{1}{3}$

9 $\frac{7}{12} + \frac{5}{12}$ $\bigcirc$ $\frac{3}{8} + \frac{5}{8}$

10 $\frac{2}{5} + \frac{3}{5}$ $\bigcirc$ $\frac{1}{2} + \frac{2}{3}$

11 $\frac{1}{9} + \frac{1}{9}$ $\bigcirc$ $\frac{2}{12} + \frac{1}{12}$

12 $\frac{2}{3} + \frac{1}{3}$ $\bigcirc$ $\frac{1}{3} + \frac{1}{3}$