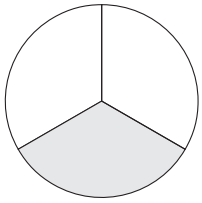
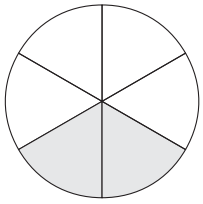
Equivalent Fractions

Quick Review

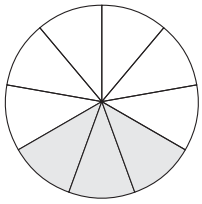
At Home At School



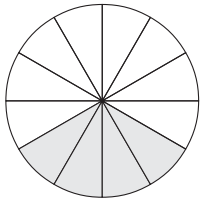
$\frac{1}{3}$ of the circle is shaded.



$\frac{2}{6}$ of the circle is shaded.



$\frac{3}{9}$ of the circle is shaded.



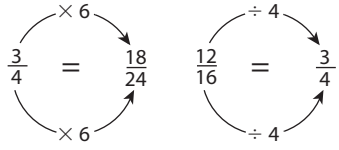
$\frac{4}{12}$ of the circle is shaded.

➤ $\frac{1}{3}$, $\frac{2}{6}$, $\frac{3}{9}$, and $\frac{4}{12}$ name the same amount.
They are equivalent fractions.

➤ There are patterns in the equivalent fractions.

$\frac{1}{3}, \frac{2}{6}, \frac{3}{9}, \frac{4}{12}$ ← The numerators are multiples of the least numerator, 1.
← The denominators are multiples of the least denominator, 3.

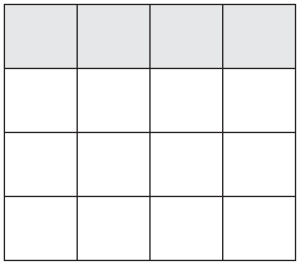
➤ You can multiply or divide the numerator and the denominator of a fraction by the same number to find equivalent fractions.



Try These

Write 3 equivalent fractions for each picture.

1.



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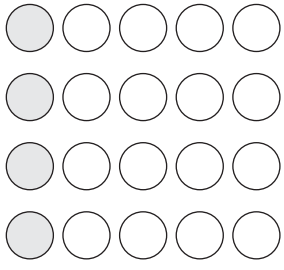
2.



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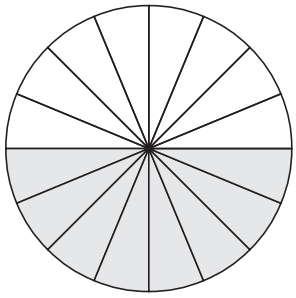
3.



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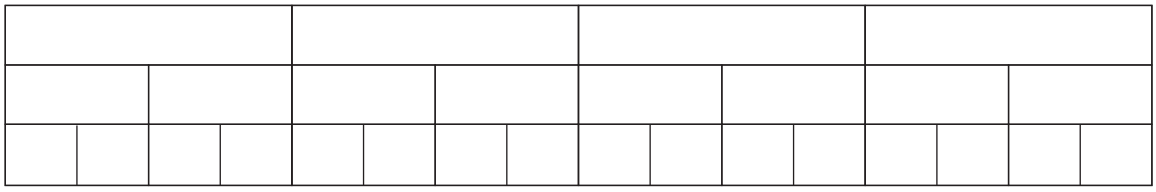
Practice

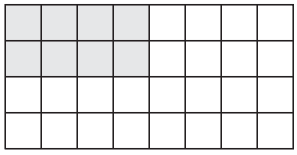
1. Write 2 equivalent fractions for each fraction.
Use the diagram to help.



a) $\frac{1}{4}$ _____ **b)** $\frac{2}{4}$ _____ **c)** $\frac{3}{4}$ _____ **d)** $\frac{4}{4}$ _____

2. Write as many equivalent fractions as you can for each picture.

a)



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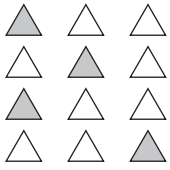
b)



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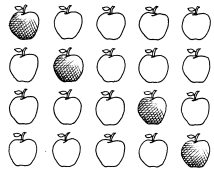
c)



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3. Draw a picture to show each pair of equivalent fractions.

a) $\frac{2}{5}$ and $\frac{6}{15}$ **b)** $\frac{4}{6}$ and $\frac{16}{24}$

Stretch Your Thinking

Find as many equivalent fractions as you can for the shaded section of this hundredths grid.

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