Lesson 8
Use Pictures to Write Equivalent Fractions

Here's How

Look at the shaded amount of both squares. Write the equivalent fraction.

\[ \frac{1}{2} \text{ of the first square is shaded.} \]

\[ \frac{2}{4} \text{ of the second square is shaded.} \]

The same amount is shaded in both squares, so the fractions are equal.

\[ \frac{1}{2} = \frac{2}{4} \]

\[ \frac{1}{2} \text{ and } \frac{2}{4} \text{ are equivalent fractions.} \]

Try These

Fractions that name the same amount are called equivalent fractions.

Write each equivalent fraction.

1. \[ \frac{1}{4} = \frac{1}{8} \]

2. \[ \frac{2}{3} = \frac{\text{ }}{\text{}} \]

3. \[ \frac{2}{\text{}} = \frac{\text{ }}{\text{}} \]

4. \[ \frac{4}{\text{}} = \frac{\text{ }}{\text{}} \]

5. \[ \frac{\text{ }}{\text{}} = \frac{\text{ }}{\text{}} \]

6. \[ \frac{\text{ }}{\text{}} = \frac{\text{ }}{\text{}} \]

Answers: 1. 2 2. 3 3. 8 4. 4 5. 5 6. 6
Write each equivalent fractions shown by the pictures.

Pictures that have the same amount shaded show equivalent parts.

1. \[
\frac{\Box}{\Box} = \frac{\Box}{\Box}
\]

2. \[
\Box = \Box
\]

3. \[
\Box = \Box
\]

4. \[
\Box = \Box
\]

5. \[
\Box = \Box
\]

6. \[
\Box = \Box
\]

7. \[
\Box = \Box
\]

8. \[
\Box = \Box
\]