★MSTAR
INTERVENTION

EQUIVALENT FRACTIONS
Lesson 10: Multiply by 1 to Compute
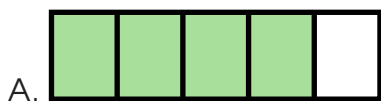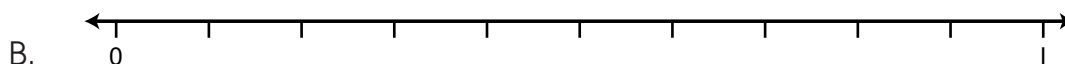*Equivalent Fractions*

H
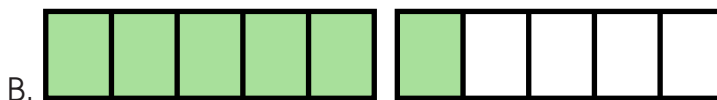**Handouts**

Cumulative Review

1. Shade the rectangle B to show an equivalent fraction to the part shaded in Rectangle A.

A.   B.

For 2, shade the length and label a point on number line B to show a fraction equivalent to the point shown on number A.

2. A.

   B.

3. Which fraction is equivalent to $\frac{3}{5}$? _____

A.   B.

C.   D.

4. Use a circle model to show that $\frac{1}{2}$ is equivalent to $\frac{4}{8}$.

☆MSTAR
INTERVENTION

EQUIVALENT FRACTIONS
Lesson 10: Multiply by 1 to Compute
Equivalent Fractions

H
Handouts

Blank Multiplication Table

	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

★MSTAR
INTERVENTION

EQUIVALENT FRACTIONS
Lesson 10: Multiply by 1 to Compute
Equivalent Fractions

H
Handouts

Timed Multiplication Test

1. 345 x 1 = _____

2. 56 x 1 = _____

3. 12 x 1 = _____

4. 1,000 x 1 = _____

5. 8,910 x 1 = _____

6. 1 x 9 = _____

7. 74 x 1 = _____

8. 1 x .0000001 = _____

9. .67 x 1 = _____

10. $\frac{1}{2}$ x 1 = —

★M**STAR**
INTERVENTION

EQUIVALENT FRACTIONS
Lesson 10: Multiply by 1 to Compute
Equivalent Fractions

H **Handouts**

Practice 1

Write the fraction that represents 1 and that makes each equation true.

1. $\dfrac{9}{12} \times \rule{1.5em}{0.4pt} = \dfrac{36}{48}$

2. $\dfrac{6}{5} \times \rule{1.5em}{0.4pt} = \dfrac{12}{10}$

Show your work.

3. Change $\dfrac{3}{7}$ into an equivalent fraction with a denominator of 28.

4. Change $\dfrac{6}{3}$ into an equivalent fraction with a denominator of 36.

★MSTAR
INTERVENTION

EQUIVALENT FRACTIONS
Lesson 10: Multiply by 1 to Compute
Equivalent Fractions

H

Handouts

Practice 2

Write the fraction that represents 1 and that makes each equation true.

1. $\dfrac{3}{4} \times \underline{\quad} = \dfrac{9}{12}$

2. $\dfrac{7}{8} \times \underline{\quad} = \dfrac{42}{48}$

Show your work.

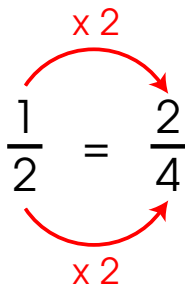3. Change $\dfrac{2}{3}$ into an equivalent fraction with a denominator of 24.

4. Change $\dfrac{12}{8}$ into an equivalent fraction with a denominator of 64.

Name: _____

Independent Practice

Show your work to create equivalent fractions.

Example:

x 2

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

x 2

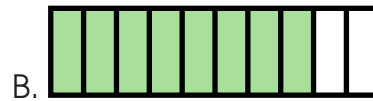1. $\dfrac{1}{3} = \dfrac{}{12}$

2. $\dfrac{5}{4} = \dfrac{}{16}$

3. $\dfrac{2}{3} = \dfrac{}{21}$
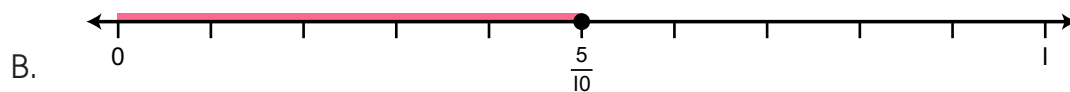
4. $\dfrac{7}{3} = \dfrac{}{18}$
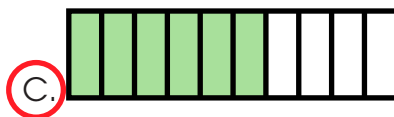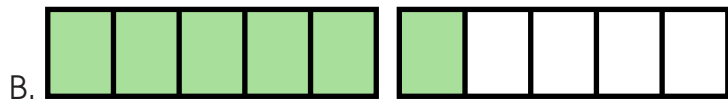
Answer Key: Cumulative Review

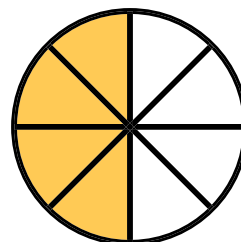1. Shade the rectangle B to show an equivalent fraction to the part shaded in Rectangle A.
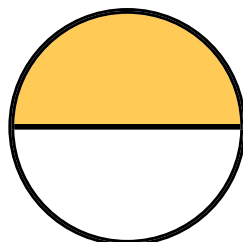
A.

B.

For 2, shade the length and label a point on number line B to show a fraction equivalent to the point shown on number A.

2. A.

$$0 \qquad \frac{1}{2} \qquad 1$$

B.

$$0 \qquad \frac{5}{10} \qquad 1$$

3. Which fraction is equivalent to $\frac{3}{5}$? ___C___

A.

B.

C.

D.

4. Use a circle model to show that $\frac{1}{2}$ is equivalent to $\frac{4}{8}$.

☆MSTAR
INTERVENTION

Answer Key: Timed Multiplication Test

1. $345 \times 1 = 345$

2. $56 \times 1 = 56$

3. $12 \times 1 = 12$

4. $1{,}000 \times 1 = 1{,}000$

5. $8{,}910 \times 1 = 8{,}910$

6. $1 \times 9 = 9$

7. $74 \times 1 = 74$

8. $1 \times .0000001 = .0000001$

9. $.67 \times 1 = .67$

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

☆MSTAR
INTERVENTION

EQUIVALENT FRACTIONS
Lesson 10: Multiply by 1 to Compute
Equivalent Fractions

H
Handouts

Answer Key: Practice 1

Write the fraction that represents 1 and that makes each equation true.

1. $\dfrac{9}{12} \times \dfrac{4}{4} = \dfrac{36}{48}$

2. $\dfrac{6}{5} \times \dfrac{2}{2} = \dfrac{12}{10}$

Show your work.

3. Change $\dfrac{3}{7}$ into an equivalent fraction with a denominator of 28.

$$\dfrac{3}{7} \times \dfrac{4}{4} = \dfrac{12}{28}$$

4. Change $\dfrac{6}{3}$ into an equivalent fraction with a denominator of 36.

$$\dfrac{6}{3} \times \dfrac{12}{12} = \dfrac{72}{36}$$

☆**M**STAR
INTERVENTION

Answer Key: Practice 2

Write the fraction that represents 1 and that makes each equation true.

1. $\dfrac{3}{4} \times \dfrac{3}{3} = \dfrac{9}{12}$

2. $\dfrac{7}{8} \times \dfrac{6}{6} = \dfrac{42}{48}$

Show your work.

3. Change $\dfrac{2}{3}$ into an equivalent fraction with a denominator of 24.

$$\dfrac{2}{3} \times \dfrac{8}{8} = \dfrac{16}{24}$$

4. Change $\dfrac{12}{8}$ into an equivalent fraction with a denominator of 64.

$$\dfrac{12}{8} \times \dfrac{8}{8} = \dfrac{96}{64}$$

MSTAR
INTERVENTION

Answer Key: Independent Practice

Show your work to create equivalent fractions.

Example:

$$\overset{\times 2}{\underset{\times 2}{\frac{1}{2} = \frac{2}{4}}}$$

1. $\overset{\times 4}{\underset{\times 4}{\frac{1}{3} = \frac{4}{12}}}$

2. $\overset{\times 4}{\underset{\times 4}{\frac{5}{4} = \frac{20}{16}}}$

3. $\overset{\times 7}{\underset{\times 7}{\frac{2}{3} = \frac{14}{21}}}$

4. $\overset{\times 6}{\underset{\times 6}{\frac{7}{3} = \frac{42}{18}}}$