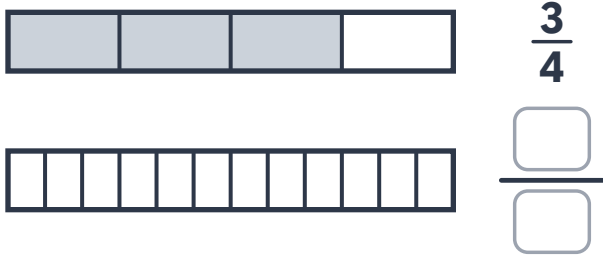


Equivalent Fractions

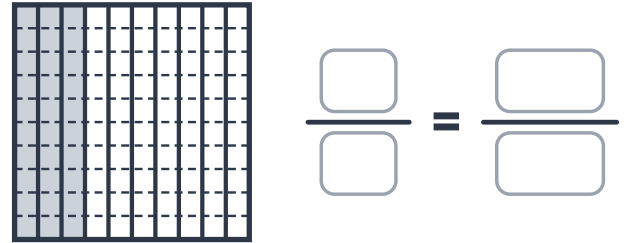
Unit Test, Form A (page 1 of 2)

Score _____ / 11

1. Shade the same amount on the bottom strip. Write its fraction.



2. Write two fractions for the shaded part.



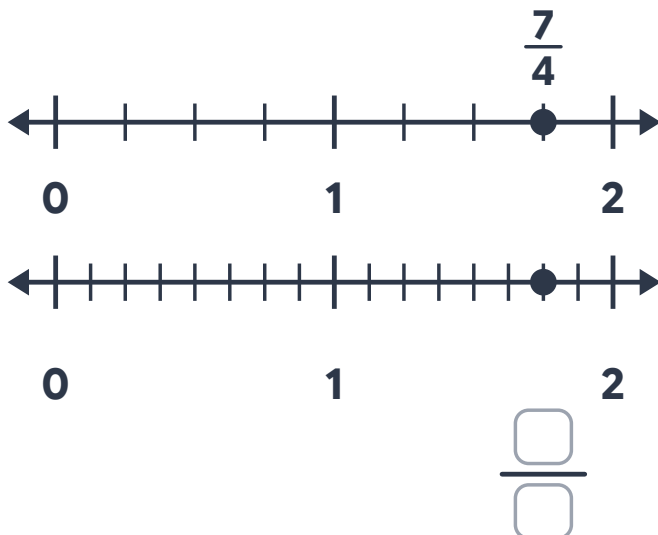
3. Multiply the numerator and the denominator by the same number. Write the equal fraction.

$$\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{9}{4} = \frac{9 \times 2}{4 \times 2} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{\boxed{}}{\boxed{}}$$

4. Both dots are at the same point. Write the bottom fraction.



5. Divide the numerator and the denominator by the same number. Write the equal fraction.

$$\frac{22}{10} = \frac{22 \div 2}{10 \div 2} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{90}{100} = \frac{90 \div 10}{100 \div 10} = \frac{\boxed{}}{\boxed{}}$$

Equivalent Fractions

Unit Test, Form A (page 2 of 2)

6. Fill in the equal fractions. Then write $>$ or $<$.

$$\frac{3}{2} = \frac{\boxed{}}{4} \bigcirc \frac{5}{4}$$

$$\frac{3}{4} = \frac{\boxed{}}{20} \bigcirc \frac{\boxed{}}{20} = \frac{4}{5}$$

7. Write $>$ or $<$ in each circle. Use a common numerator.

$$\frac{5}{8} \bigcirc \frac{5}{12} \quad \frac{3}{10} \bigcirc \frac{3}{4}$$

$$\frac{2}{3} \bigcirc \frac{4}{10} \quad \frac{1}{4} \bigcirc \frac{2}{5}$$

8. Use one half or 1 to compare. Write $>$ or $<$.

$$\frac{3}{10} \bigcirc \frac{7}{12} \quad \frac{5}{6} \bigcirc \frac{3}{8}$$

$$\frac{9}{10} \bigcirc \frac{11}{12}$$

9. Write the numbers in order from least to greatest.

$$\frac{7}{5} \quad 1\frac{1}{2} \quad \frac{9}{10}$$

$$\boxed{} < \boxed{} < \boxed{}$$

10. Write $>$ or $<$ in each circle.

$$1\frac{3}{5} \bigcirc \frac{17}{10}$$

$$3\frac{1}{4} \bigcirc 2\frac{7}{8}$$

11. Read the story. Look at the pans. Circle Yes or No.

Ava ate $\frac{3}{4}$ of the small pan. Ben ate $\frac{1}{2}$ of the big pan. Ava says she ate more because $\frac{3}{4}$ is more than $\frac{1}{2}$. Is she right?



Ava



Ben

Yes

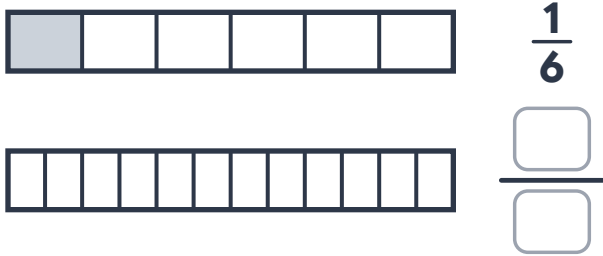
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Equivalent Fractions

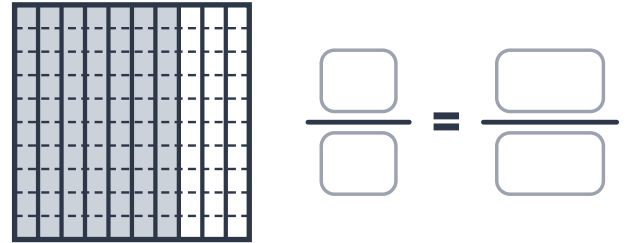
Unit Test, Form B (page 1 of 2)

Score _____ / 11

1. Shade the same amount on the bottom strip. Write its fraction.



2. Write two fractions for the shaded part.



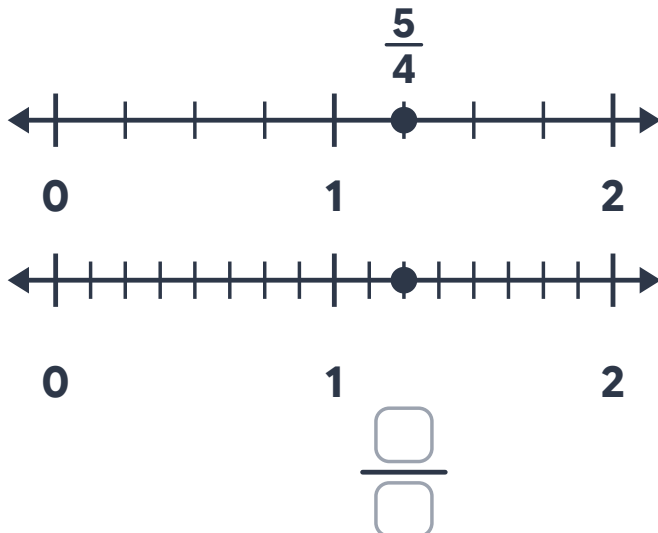
3. Multiply the numerator and the denominator by the same number. Write the equal fraction.

$$\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{\square}{\square}$$

$$\frac{11}{4} = \frac{11 \times 2}{4 \times 2} = \frac{\square}{\square}$$

$$\frac{1}{4} = \frac{1 \times 25}{4 \times 25} = \frac{\square}{\square}$$

4. Both dots are at the same point. Write the bottom fraction.



5. Divide the numerator and the denominator by the same number. Write the equal fraction.

$$\frac{24}{10} = \frac{24 \div 2}{10 \div 2} = \frac{\square}{\square}$$

$$\frac{130}{100} = \frac{130 \div 10}{100 \div 10} = \frac{\square}{\square}$$

Equivalent Fractions

Unit Test, Form B (page 2 of 2)

6. Fill in the equal fractions. Then write $>$ or $<$.

$$\frac{5}{2} = \frac{\boxed{}}{6} \bigcirc \frac{13}{6}$$

$$\frac{1}{3} = \frac{\boxed{}}{15} \bigcirc \frac{\boxed{}}{15} = \frac{2}{5}$$

7. Write $>$ or $<$ in each circle. Use a common numerator.

$$\frac{7}{10} \bigcirc \frac{7}{8} \quad \frac{4}{5} \bigcirc \frac{4}{12}$$

$$\frac{1}{3} \bigcirc \frac{2}{8} \quad \frac{1}{6} \bigcirc \frac{2}{10}$$

8. Use one half or 1 to compare. Write $>$ or $<$.

$$\frac{2}{5} \bigcirc \frac{7}{10} \quad \frac{4}{6} \bigcirc \frac{5}{12}$$

$$\frac{5}{6} \bigcirc \frac{7}{8}$$

9. Write the numbers in order from least to greatest.

$$\frac{4}{3} \quad 1\frac{1}{4} \quad \frac{7}{8}$$

$$\boxed{} < \boxed{} < \boxed{}$$

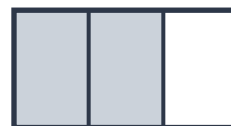
10. Write $>$ or $<$ in each circle.

$$1\frac{2}{3} \bigcirc \frac{19}{12}$$

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

11. Read the story. Look at the pans. Circle Yes or No.

Cal ate $\frac{2}{3}$ of the big pan. Dee ate $\frac{5}{6}$ of the small pan. Dee says she ate more because $\frac{5}{6}$ is more than $\frac{2}{3}$. Is she right?



Cal



Dee

Yes

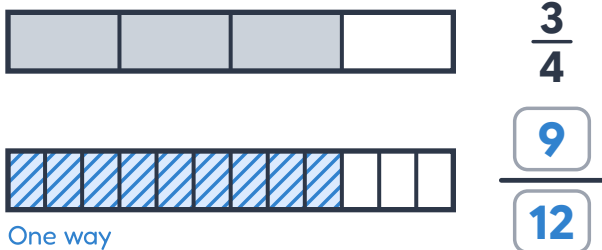
No

Equivalent Fractions

Unit Test, Form A (page 1 of 2)

Score _____ / 11

1. Shade the same amount on the bottom strip. Write its fraction.



Lesson 7.1 · Equivalent fractions with models

2. Write two fractions for the shaded part.



Lesson 7.1 · Equivalent fractions with models

3. Multiply the numerator and the denominator by the same number. Write the equal fraction.

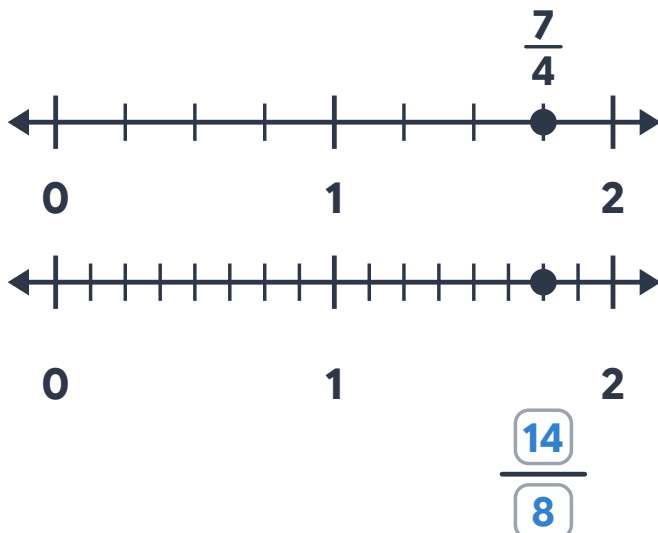
$$\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}$$

$$\frac{9}{4} = \frac{9 \times 2}{4 \times 2} = \frac{18}{8}$$

$$\frac{3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{75}{100}$$

Lesson 7.2 · Multiply to find equal fractions

4. Both dots are at the same point. Write the bottom fraction.



Lesson 7.3 · Number lines and dividing

5. Divide the numerator and the denominator by the same number. Write the equal fraction.

$$\frac{22}{10} = \frac{22 \div 2}{10 \div 2} = \frac{11}{5}$$

$$\frac{90}{100} = \frac{90 \div 10}{100 \div 10} = \frac{9}{10}$$

Lesson 7.3 · Number lines and dividing

Equivalent Fractions

Unit Test, Form A (page 2 of 2)

6. Fill in the equal fractions. Then write $>$ or $<$.

$$\frac{3}{2} = \frac{6}{4} > \frac{5}{4}$$

$$\frac{3}{4} = \frac{15}{20} < \frac{16}{20} = \frac{4}{5}$$

Lesson 7.4 · Compare with a common denominator

7. Write $>$ or $<$ in each circle. Use a common numerator.

$$\frac{5}{8} > \frac{5}{12} \quad \frac{3}{10} < \frac{3}{4}$$

$$\frac{2}{3} > \frac{4}{10} \quad \frac{1}{4} < \frac{2}{5}$$

Lesson 7.5 · Compare with a common numerator

8. Use one half or 1 to compare. Write $>$ or $<$.

$$\frac{3}{10} < \frac{7}{12} \quad \frac{5}{6} > \frac{3}{8}$$

$$\frac{9}{10} < \frac{11}{12}$$

Lesson 7.6 · Compare with benchmarks

9. Write the numbers in order from least to greatest.

$$\frac{7}{5} \quad 1\frac{1}{2} \quad \frac{9}{10}$$

$$\frac{9}{10} < \frac{7}{5} < 1\frac{1}{2}$$

Lesson 7.7 · Order fractions and mixed numbers

10. Write $>$ or $<$ in each circle.

$$1\frac{3}{5} < \frac{17}{10}$$

$$3\frac{1}{4} > 2\frac{7}{8}$$

Lesson 7.7 · Order fractions and mixed numbers

11. Read the story. Look at the pans. Circle Yes or No.

Ava ate $\frac{3}{4}$ of the small pan. Ben ate $\frac{1}{2}$ of the big pan. Ava says she ate more because $\frac{3}{4}$ is more than $\frac{1}{2}$. Is she right?



Ava



Ben

Yes

No

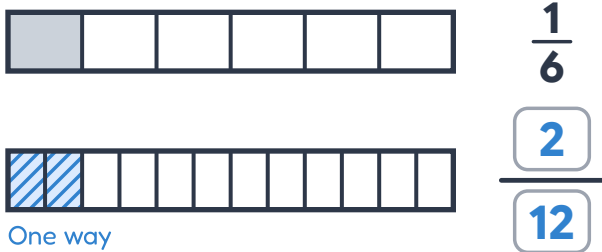
Lesson 7.7 · Order fractions and mixed numbers

Equivalent Fractions

Unit Test, Form B (page 1 of 2)

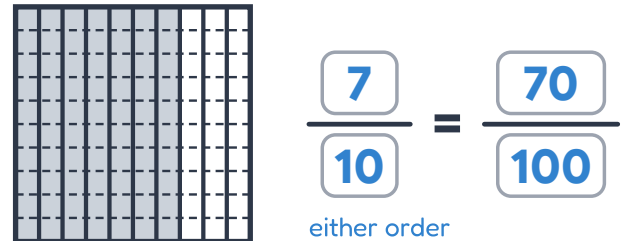
Score _____ / 11

1. Shade the same amount on the bottom strip. Write its fraction.



Lesson 7.1 · Equivalent fractions with models

2. Write two fractions for the shaded part.



Lesson 7.1 · Equivalent fractions with models

3. Multiply the numerator and the denominator by the same number. Write the equal fraction.

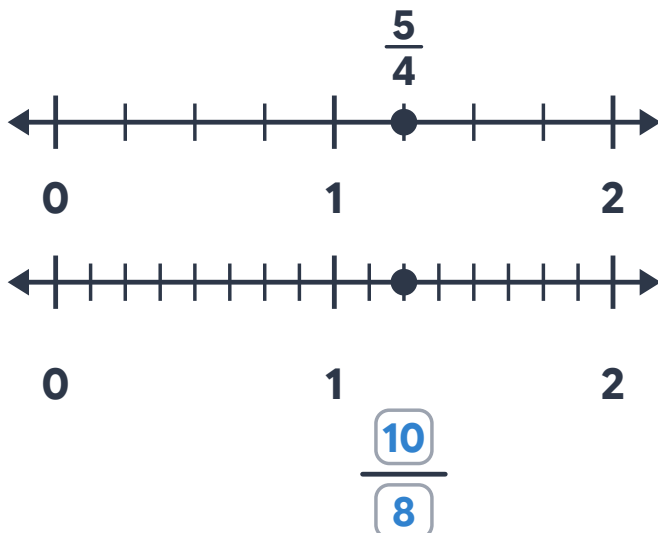
$$\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{\boxed{10}}{\boxed{12}}$$

$$\frac{11}{4} = \frac{11 \times 2}{4 \times 2} = \frac{\boxed{22}}{\boxed{8}}$$

$$\frac{1}{4} = \frac{1 \times 25}{4 \times 25} = \frac{\boxed{25}}{\boxed{100}}$$

Lesson 7.2 · Multiply to find equal fractions

4. Both dots are at the same point. Write the bottom fraction.



Lesson 7.3 · Number lines and dividing

5. Divide the numerator and the denominator by the same number. Write the equal fraction.

$$\frac{24}{10} = \frac{24 \div 2}{10 \div 2} = \frac{\boxed{12}}{\boxed{5}}$$

$$\frac{130}{100} = \frac{130 \div 10}{100 \div 10} = \frac{\boxed{13}}{\boxed{10}}$$

Lesson 7.3 · Number lines and dividing

Equivalent Fractions

Unit Test, Form B (page 2 of 2)

6. Fill in the equal fractions. Then write $>$ or $<$.

$$\frac{5}{2} = \frac{15}{6} > \frac{13}{6}$$

$$\frac{1}{3} = \frac{5}{15} < \frac{6}{15} = \frac{2}{5}$$

Lesson 7.4 · Compare with a common denominator

7. Write $>$ or $<$ in each circle. Use a common numerator.

$$\frac{7}{10} < \frac{7}{8} \quad \frac{4}{5} > \frac{4}{12}$$

$$\frac{1}{3} > \frac{2}{8} \quad \frac{1}{6} < \frac{2}{10}$$

Lesson 7.5 · Compare with a common numerator

8. Use one half or 1 to compare. Write $>$ or $<$.

$$\frac{2}{5} < \frac{7}{10} \quad \frac{4}{6} > \frac{5}{12}$$

$$\frac{5}{6} < \frac{7}{8}$$

Lesson 7.6 · Compare with benchmarks

9. Write the numbers in order from least to greatest.

$$\frac{4}{3} \quad 1\frac{1}{4} \quad \frac{7}{8}$$

$$\frac{7}{8} < 1\frac{1}{4} < \frac{4}{3}$$

Lesson 7.7 · Order fractions and mixed numbers

10. Write $>$ or $<$ in each circle.

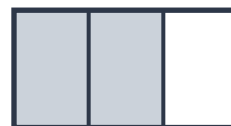
$$1\frac{2}{3} > \frac{19}{12}$$

$$2\frac{3}{10} < 3\frac{1}{10}$$

Lesson 7.7 · Order fractions and mixed numbers

11. Read the story. Look at the pans. Circle Yes or No.

Cal ate $\frac{2}{3}$ of the big pan. Dee ate $\frac{5}{6}$ of the small pan. Dee says she ate more because $\frac{5}{6}$ is more than $\frac{2}{3}$. Is she right?



Cal



Dee

Yes

No

Lesson 7.7 · Order fractions and mixed numbers