

Equivalent Fractions

Shade the same amount on the strips below. Write the fraction.

Example



$$\frac{2}{5} = \frac{\boxed{4}}{10}$$

1.



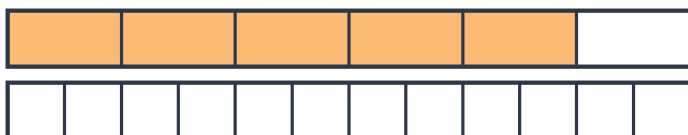
$$\frac{1}{4} = \frac{\boxed{}}{12}$$

2.



$$\frac{4}{12} = \frac{\boxed{}}{6} = \frac{\boxed{}}{3}$$

3.



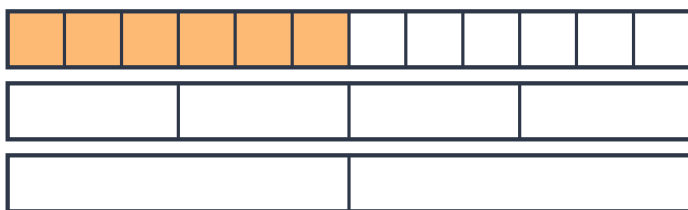
$$\frac{5}{6} = \frac{\boxed{}}{12}$$

4.



$$\frac{6}{8} = \frac{\boxed{}}{12}$$

5.



$$\frac{6}{12} = \frac{\boxed{}}{4} = \frac{\boxed{}}{2}$$

6.



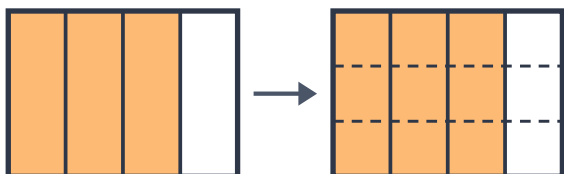
$$\frac{2}{3} = \frac{\boxed{}}{12}$$

Equivalent Fractions

Multiply the numerator and the denominator by the same number.

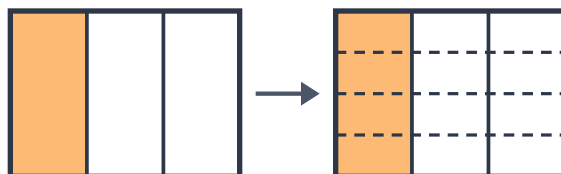
Each part is cut into smaller equal parts. Fill in the boxes.

Example



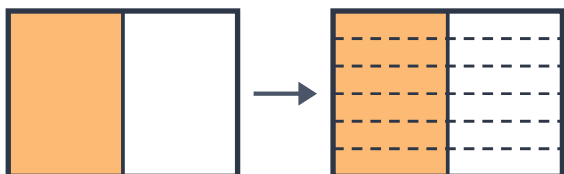
$$\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$$

1.



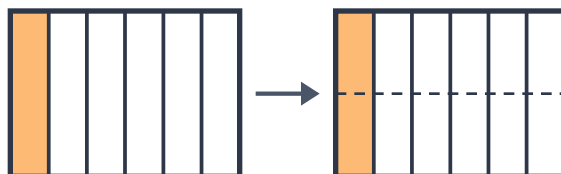
$$\frac{1}{3} = \frac{1 \times \boxed{}}{3 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

2.



$$\frac{1}{2} = \frac{1 \times \boxed{}}{2 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

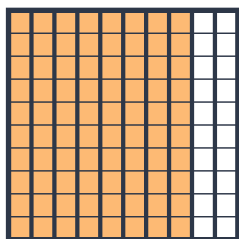
3.



$$\frac{1}{6} = \frac{1 \times \boxed{}}{6 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

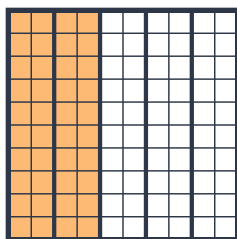
Each grid is 1 whole cut into 100 squares. Fill in the boxes.

Example



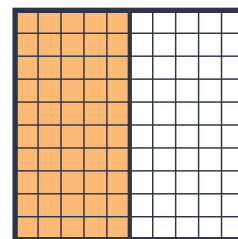
$$\frac{8}{10} = \frac{8 \times 10}{10 \times 10} = \frac{80}{100}$$

4.



$$\frac{2}{5} = \frac{2 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{100}$$

5.



$$\frac{1}{2} = \frac{1 \times \boxed{}}{2 \times \boxed{}} = \frac{\boxed{}}{100}$$

Equivalent Fractions

Multiply the numerator and the denominator by the same number.

Find the number to multiply by. Then write the equal fraction.

Example $\frac{4}{6} = \frac{4 \times \boxed{2}}{6 \times \boxed{2}} = \frac{\boxed{8}}{12}$

1. $\frac{3}{5} = \frac{3 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{100}$

2. $\frac{1}{10} = \frac{1 \times \boxed{}}{10 \times \boxed{}} = \frac{\boxed{}}{100}$

3. $\frac{4}{5} = \frac{4 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{100}$

4. $\frac{5}{4} = \frac{5 \times \boxed{}}{4 \times \boxed{}} = \frac{\boxed{}}{12}$

5. $\frac{7}{5} = \frac{7 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{10}$

Write the missing number.

6. $\frac{1}{5} = \frac{20}{\boxed{}}$

7. $\frac{2}{10} = \frac{\boxed{}}{100}$

8. $\frac{3}{6} = \frac{\boxed{}}{12}$

9. $\frac{3}{2} = \frac{\boxed{}}{10}$

10. $\frac{5}{3} = \frac{20}{\boxed{}}$

11. $\frac{2}{4} = \frac{50}{\boxed{}}$

12. $\frac{7}{6} = \frac{\boxed{}}{12}$

13. $\frac{9}{4} = \frac{27}{\boxed{}}$

Are the two fractions equal? Circle Yes or No.

14. $\frac{2}{3}$ and $\frac{5}{6}$ Yes No

15. $\frac{4}{8}$ and $\frac{6}{12}$ Yes No

16. $\frac{3}{5}$ and $\frac{30}{100}$ Yes No

17. $\frac{6}{12}$ and $\frac{50}{100}$ Yes No

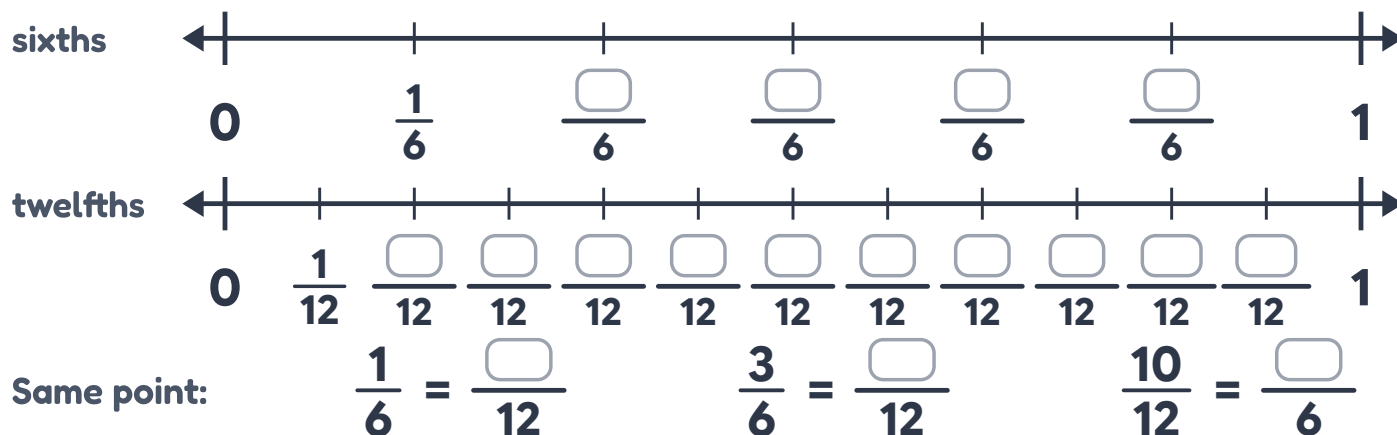
18. $\frac{3}{4}$ and $\frac{6}{12}$ Yes No

19. $\frac{6}{4}$ and $\frac{9}{6}$ Yes No

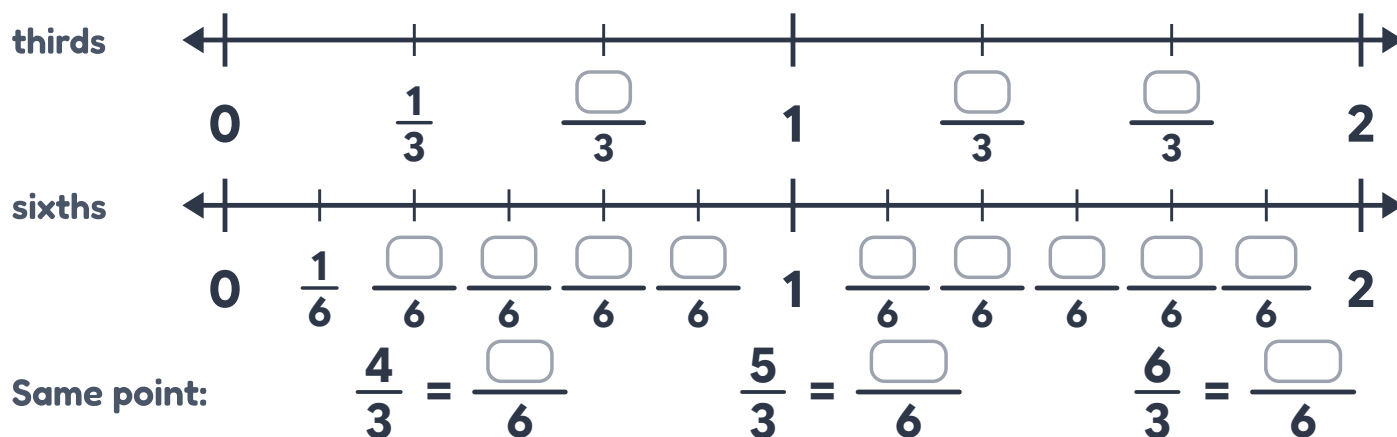
Equivalent Fractions

Label the number lines. Find the fractions at the same point.

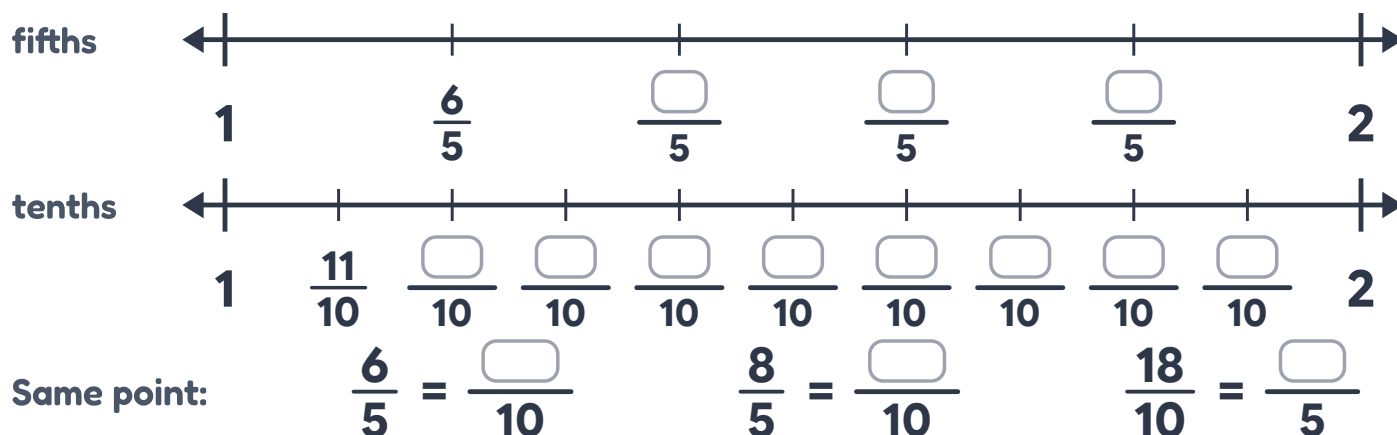
Label the number lines. Then write the equal fractions.



These number lines go past 1. Label them. Then write the equal fractions.



These number lines start at 1. Label them. Then write the equal fractions.



Equivalent Fractions

Divide to find equal fractions. Write the simplest form.

Find the number to divide by. Then write the equal fraction.

Example $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$

1. $\frac{80}{100} = \frac{80 \div \boxed{}}{100 \div \boxed{}} = \frac{\boxed{}}{10}$

2. $\frac{10}{12} = \frac{10 \div \boxed{}}{12 \div \boxed{}} = \frac{\boxed{}}{6}$

3. $\frac{50}{100} = \frac{50 \div \boxed{}}{100 \div \boxed{}} = \frac{\boxed{}}{2}$

4. $\frac{18}{12} = \frac{18 \div \boxed{}}{12 \div \boxed{}} = \frac{\boxed{}}{2}$

5. $\frac{20}{8} = \frac{20 \div \boxed{}}{8 \div \boxed{}} = \frac{\boxed{}}{2}$

Write each fraction in simplest form.

6. $\frac{6}{12} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{9}{12} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{4}{10} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{20}{100} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{2}{12} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{60}{100} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{21}{12} = \frac{\boxed{}}{\boxed{}}$

13. $\frac{16}{12} = \frac{\boxed{}}{\boxed{}}$

Write two more equal fractions. Multiply or divide.

Example $\frac{4}{6} = \frac{2}{3} = \frac{8}{12}$

14. $\frac{2}{4} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

15. $\frac{6}{10} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

16. $\frac{10}{4} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

Equivalent Fractions

Shade the same amount on the strips below. Write the fraction.

Example



$$\frac{2}{5} = \frac{\boxed{4}}{10}$$

1.



$$\frac{1}{4} = \frac{\boxed{}}{12}$$

2.



$$\frac{4}{12} = \frac{\boxed{}}{6} = \frac{\boxed{}}{3}$$

3.



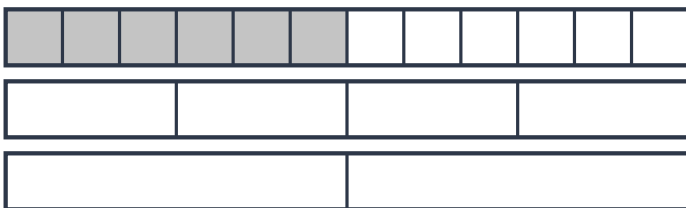
$$\frac{5}{6} = \frac{\boxed{}}{12}$$

4.



$$\frac{6}{8} = \frac{\boxed{}}{12}$$

5.



$$\frac{6}{12} = \frac{\boxed{}}{4} = \frac{\boxed{}}{2}$$

6.



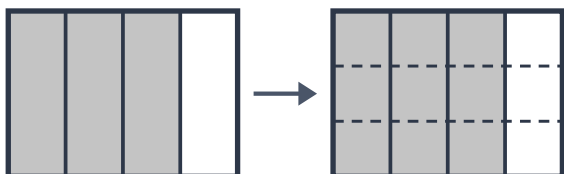
$$\frac{2}{3} = \frac{\boxed{}}{12}$$

Equivalent Fractions

Multiply the numerator and the denominator by the same number.

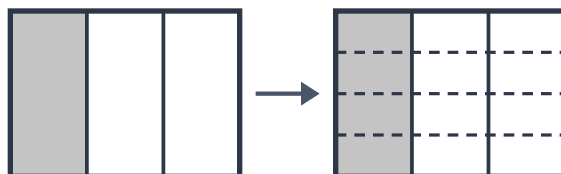
Each part is cut into smaller equal parts. Fill in the boxes.

Example



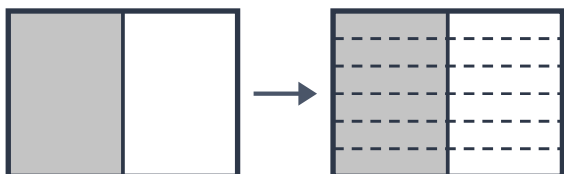
$$\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$$

1.



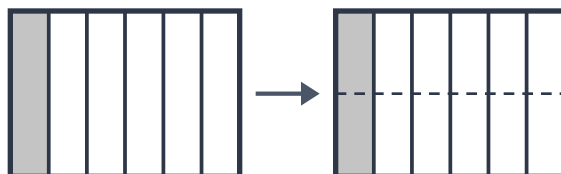
$$\frac{1}{3} = \frac{1 \times \boxed{}}{3 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

2.



$$\frac{1}{2} = \frac{1 \times \boxed{}}{2 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

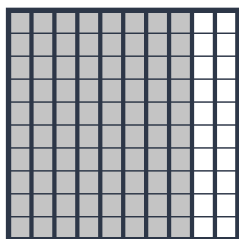
3.



$$\frac{1}{6} = \frac{1 \times \boxed{}}{6 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

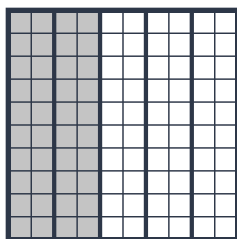
Each grid is 1 whole cut into 100 squares. Fill in the boxes.

Example



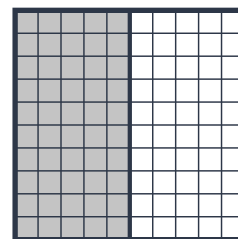
$$\frac{8}{10} = \frac{8 \times 10}{10 \times 10} = \frac{80}{100}$$

4.



$$\frac{2}{5} = \frac{2 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{100}$$

5.



$$\frac{1}{2} = \frac{1 \times \boxed{}}{2 \times \boxed{}} = \frac{\boxed{}}{100}$$

Equivalent Fractions

Multiply the numerator and the denominator by the same number.

Find the number to multiply by. Then write the equal fraction.

Example $\frac{4}{6} = \frac{4 \times \boxed{2}}{6 \times \boxed{2}} = \frac{\boxed{8}}{12}$

1. $\frac{3}{5} = \frac{3 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{100}$

2. $\frac{1}{10} = \frac{1 \times \boxed{}}{10 \times \boxed{}} = \frac{\boxed{}}{100}$

3. $\frac{4}{5} = \frac{4 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{100}$

4. $\frac{5}{4} = \frac{5 \times \boxed{}}{4 \times \boxed{}} = \frac{\boxed{}}{12}$

5. $\frac{7}{5} = \frac{7 \times \boxed{}}{5 \times \boxed{}} = \frac{\boxed{}}{10}$

Write the missing number.

6. $\frac{1}{5} = \frac{20}{\boxed{}}$

7. $\frac{2}{10} = \frac{\boxed{}}{100}$

8. $\frac{3}{6} = \frac{\boxed{}}{12}$

9. $\frac{3}{2} = \frac{\boxed{}}{10}$

10. $\frac{5}{3} = \frac{20}{\boxed{}}$

11. $\frac{2}{4} = \frac{50}{\boxed{}}$

12. $\frac{7}{6} = \frac{\boxed{}}{12}$

13. $\frac{9}{4} = \frac{27}{\boxed{}}$

Are the two fractions equal? Circle Yes or No.

14. $\frac{2}{3}$ and $\frac{5}{6}$ Yes No

15. $\frac{4}{8}$ and $\frac{6}{12}$ Yes No

16. $\frac{3}{5}$ and $\frac{30}{100}$ Yes No

17. $\frac{6}{12}$ and $\frac{50}{100}$ Yes No

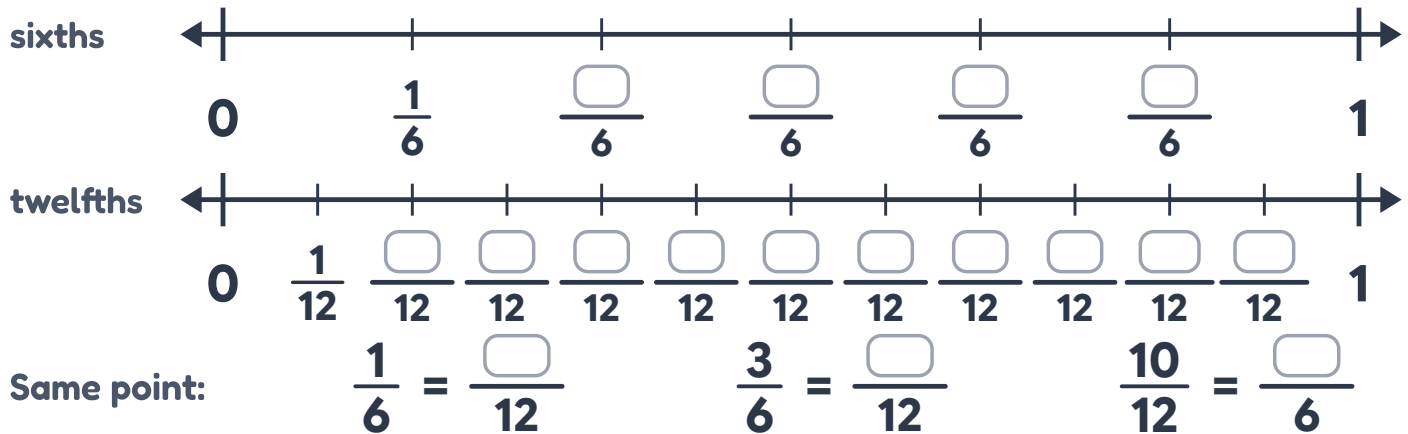
18. $\frac{3}{4}$ and $\frac{6}{12}$ Yes No

19. $\frac{6}{4}$ and $\frac{9}{6}$ Yes No

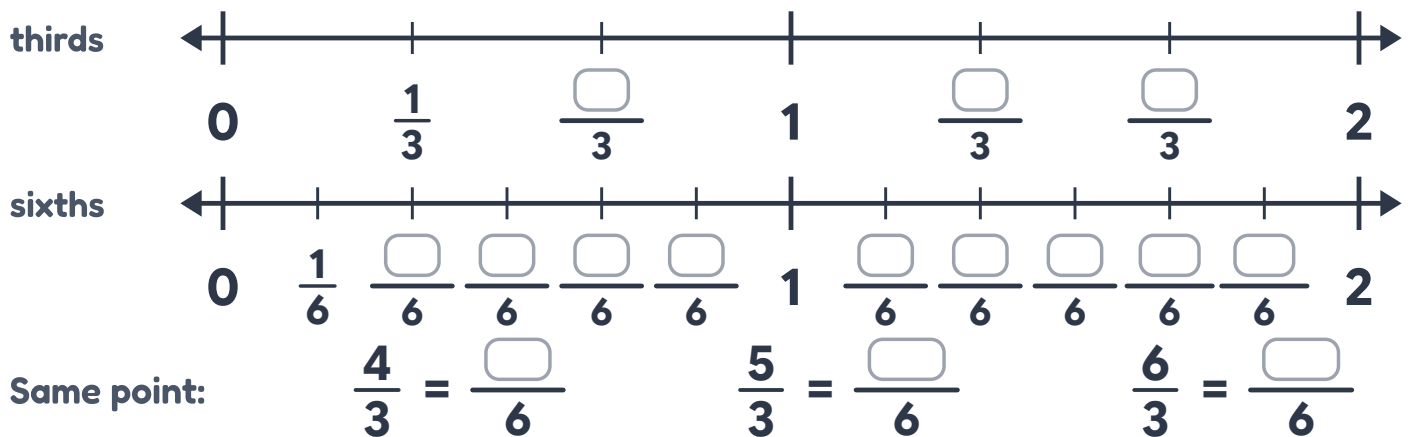
Equivalent Fractions

Label the number lines. Find the fractions at the same point.

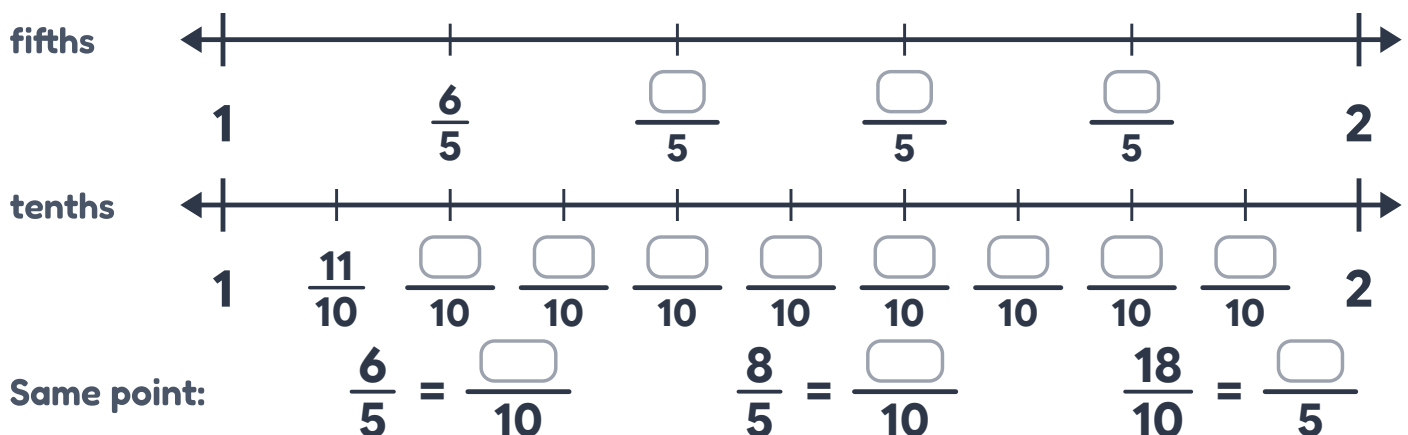
Label the number lines. Then write the equal fractions.



These number lines go past 1. Label them. Then write the equal fractions.



These number lines start at 1. Label them. Then write the equal fractions.



Equivalent Fractions

Divide to find equal fractions. Write the simplest form.

Find the number to divide by. Then write the equal fraction.

Example $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$

1. $\frac{80}{100} = \frac{80 \div \boxed{}}{100 \div \boxed{}} = \frac{\boxed{}}{10}$

2. $\frac{10}{12} = \frac{10 \div \boxed{}}{12 \div \boxed{}} = \frac{\boxed{}}{6}$

3. $\frac{50}{100} = \frac{50 \div \boxed{}}{100 \div \boxed{}} = \frac{\boxed{}}{2}$

4. $\frac{18}{12} = \frac{18 \div \boxed{}}{12 \div \boxed{}} = \frac{\boxed{}}{2}$

5. $\frac{20}{8} = \frac{20 \div \boxed{}}{8 \div \boxed{}} = \frac{\boxed{}}{2}$

Write each fraction in simplest form.

6. $\frac{6}{12} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{9}{12} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{4}{10} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{20}{100} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{2}{12} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{60}{100} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{21}{12} = \frac{\boxed{}}{\boxed{}}$

13. $\frac{16}{12} = \frac{\boxed{}}{\boxed{}}$

Write two more equal fractions. Multiply or divide.

Example $\frac{4}{6} = \frac{2}{3} = \frac{8}{12}$

14. $\frac{2}{4} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

15. $\frac{6}{10} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

16. $\frac{10}{4} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$

Equivalent Fractions

Shade the same amount on the strips below. Write the fraction.

Example



$$\frac{2}{5} = \frac{4}{10}$$

1.



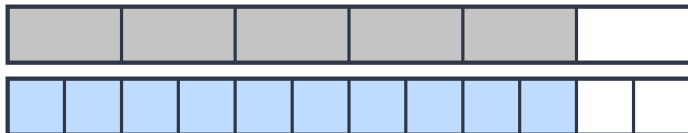
$$\frac{1}{4} = \frac{3}{12}$$

2.



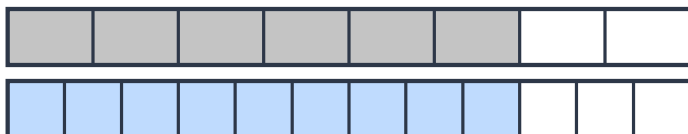
$$\frac{4}{12} = \frac{2}{6} = \frac{1}{3}$$

3.



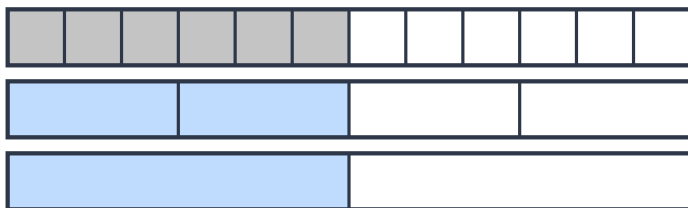
$$\frac{5}{6} = \frac{10}{12}$$

4.



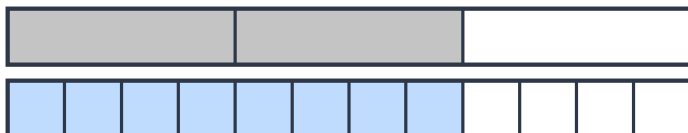
$$\frac{6}{8} = \frac{9}{12}$$

5.



$$\frac{6}{12} = \frac{2}{4} = \frac{1}{2}$$

6.



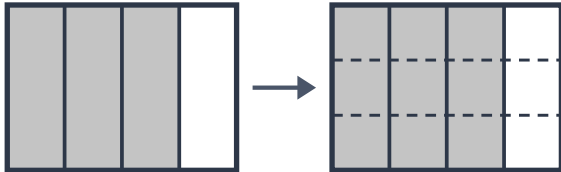
$$\frac{2}{3} = \frac{8}{12}$$

Equivalent Fractions

Multiply the numerator and the denominator by the same number.

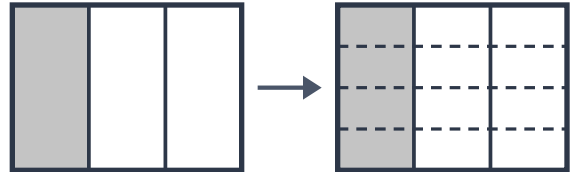
Each part is cut into smaller equal parts. Fill in the boxes.

Example



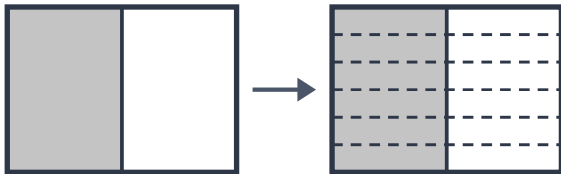
$$\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$$

1.



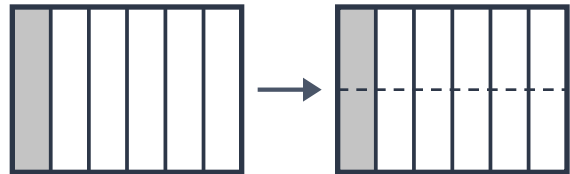
$$\frac{1}{3} = \frac{1 \times 4}{3 \times 4} = \frac{4}{12}$$

2.



$$\frac{1}{2} = \frac{1 \times 6}{2 \times 6} = \frac{6}{12}$$

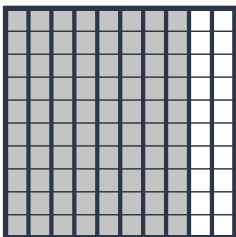
3.



$$\frac{1}{6} = \frac{1 \times 2}{6 \times 2} = \frac{2}{12}$$

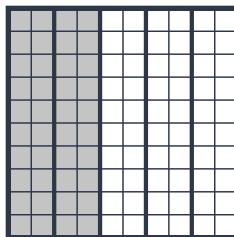
Each grid is 1 whole cut into 100 squares. Fill in the boxes.

Example



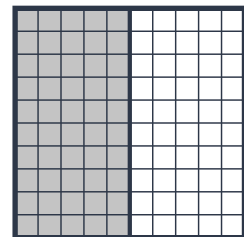
$$\frac{8}{10} = \frac{8 \times 10}{10 \times 10} = \frac{80}{100}$$

4.



$$\frac{2}{5} = \frac{2 \times 20}{5 \times 20} = \frac{40}{100}$$

5.



$$\frac{1}{2} = \frac{1 \times 50}{2 \times 50} = \frac{50}{100}$$

Equivalent Fractions

Multiply the numerator and the denominator by the same number.

Find the number to multiply by. Then write the equal fraction.

Example $\frac{4}{6} = \frac{4 \times \boxed{2}}{6 \times \boxed{2}} = \frac{\boxed{8}}{12}$

1. $\frac{3}{5} = \frac{3 \times \boxed{20}}{5 \times \boxed{20}} = \frac{\boxed{60}}{100}$

2. $\frac{1}{10} = \frac{1 \times \boxed{10}}{10 \times \boxed{10}} = \frac{\boxed{10}}{100}$

3. $\frac{4}{5} = \frac{4 \times \boxed{20}}{5 \times \boxed{20}} = \frac{\boxed{80}}{100}$

4. $\frac{5}{4} = \frac{5 \times \boxed{3}}{4 \times \boxed{3}} = \frac{\boxed{15}}{12}$

5. $\frac{7}{5} = \frac{7 \times \boxed{2}}{5 \times \boxed{2}} = \frac{\boxed{14}}{10}$

Write the missing number.

6. $\frac{1}{5} = \frac{20}{\boxed{100}}$

7. $\frac{2}{10} = \frac{\boxed{20}}{100}$

8. $\frac{3}{6} = \frac{\boxed{6}}{12}$

9. $\frac{3}{2} = \frac{\boxed{15}}{10}$

10. $\frac{5}{3} = \frac{20}{\boxed{12}}$

11. $\frac{2}{4} = \frac{50}{\boxed{100}}$

12. $\frac{7}{6} = \frac{\boxed{14}}{12}$

13. $\frac{9}{4} = \frac{27}{\boxed{12}}$

Are the two fractions equal? Circle Yes or No.

14. $\frac{2}{3}$ and $\frac{5}{6}$ Yes **No**

15. $\frac{4}{8}$ and $\frac{6}{12}$ **Yes** No

16. $\frac{3}{5}$ and $\frac{30}{100}$ Yes **No**

17. $\frac{6}{12}$ and $\frac{50}{100}$ **Yes** No

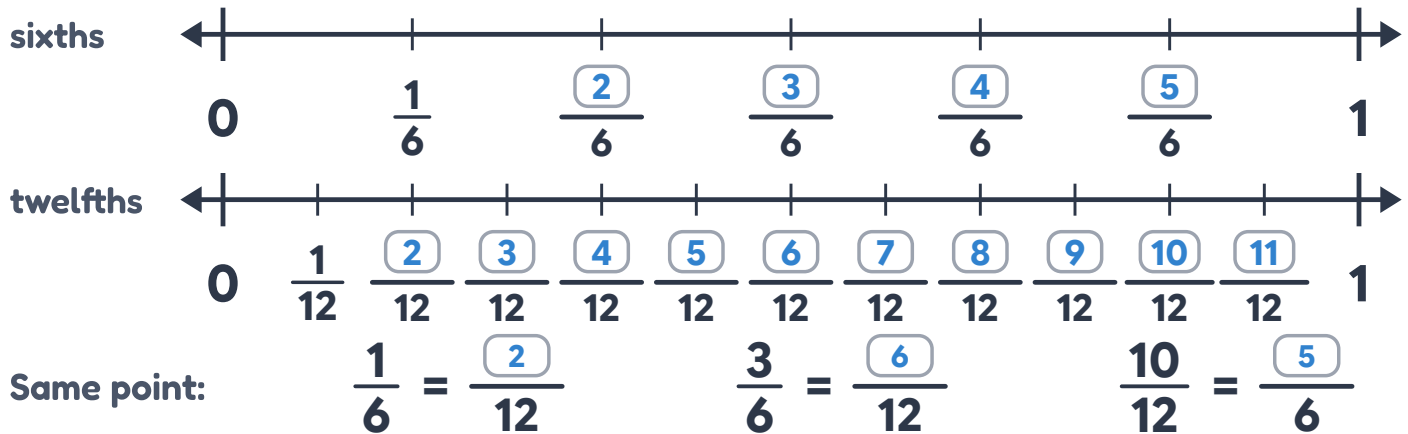
18. $\frac{3}{4}$ and $\frac{6}{12}$ Yes **No**

19. $\frac{6}{4}$ and $\frac{9}{6}$ **Yes** No

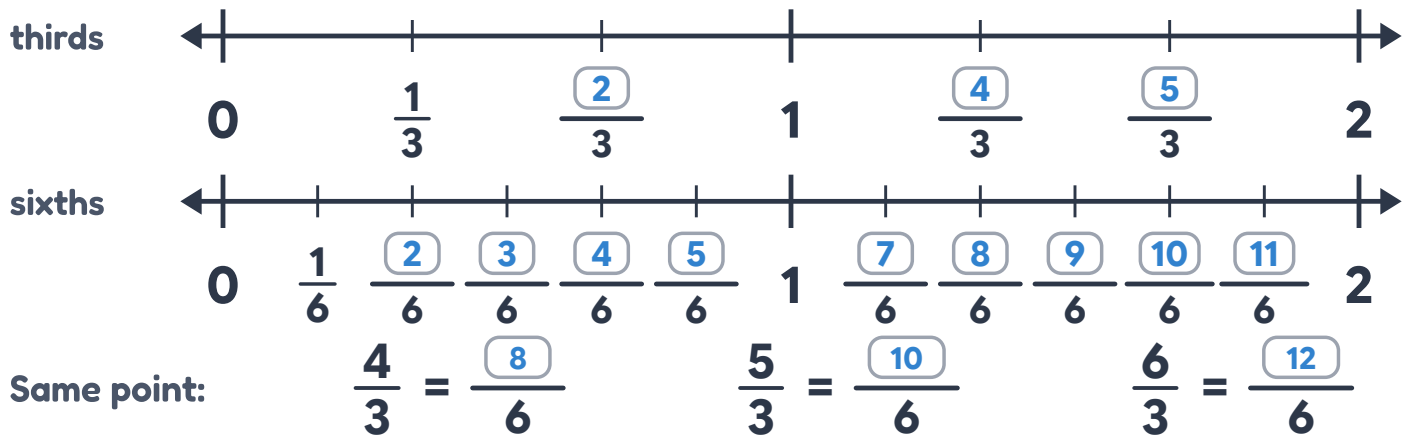
Equivalent Fractions

Label the number lines. Find the fractions at the same point.

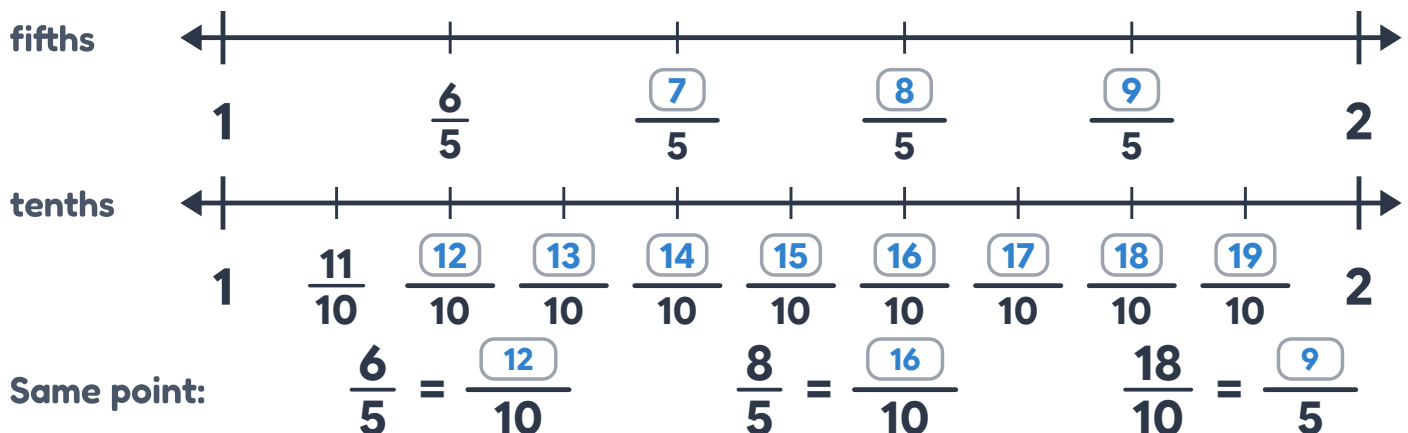
Label the number lines. Then write the equal fractions.



These number lines go past 1. Label them. Then write the equal fractions.



These number lines start at 1. Label them. Then write the equal fractions.



Equivalent Fractions

Divide to find equal fractions. Write the simplest form.

Find the number to divide by. Then write the equal fraction.

Example $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$

1. $\frac{80}{100} = \frac{80 \div 10}{100 \div 10} = \frac{8}{10}$

2. $\frac{10}{12} = \frac{10 \div 2}{12 \div 2} = \frac{5}{6}$

3. $\frac{50}{100} = \frac{50 \div 50}{100 \div 50} = \frac{1}{2}$

4. $\frac{18}{12} = \frac{18 \div 6}{12 \div 6} = \frac{3}{2}$

5. $\frac{20}{8} = \frac{20 \div 4}{8 \div 4} = \frac{5}{2}$

Write each fraction in simplest form.

6. $\frac{6}{12} = \frac{1}{2}$

7. $\frac{9}{12} = \frac{3}{4}$

8. $\frac{4}{10} = \frac{2}{5}$

9. $\frac{20}{100} = \frac{1}{5}$

10. $\frac{2}{12} = \frac{1}{6}$

11. $\frac{60}{100} = \frac{3}{5}$

12. $\frac{21}{12} = \frac{7}{4}$

13. $\frac{16}{12} = \frac{4}{3}$

Write two more equal fractions. Multiply or divide.

Example $\frac{4}{6} = \frac{2}{3} = \frac{8}{12}$

14. $\frac{2}{4} = \frac{1}{2} = \frac{50}{100}$ One way

15. $\frac{6}{10} = \frac{3}{5} = \frac{60}{100}$ One way

16. $\frac{10}{4} = \frac{5}{2} = \frac{30}{12}$ One way