

Fractions Skill 4 - 21C

Simplest Form

Write a fraction in simplest form.

Write the fraction $\frac{6}{12}$ in simplest form. Divide the numerator and the denominator by the same number. To find the simplest form continuing dividing until 1 is the only number that can be divided evenly into the numerator and denominator.

First, try
dividing by 3.

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

Now, try
dividing by
2.

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

Now, the fraction is in simplest form. The number 1 is the only number that can be divided evenly into the numerator and denominator.

Example

Find the simplest form of $\frac{3}{8}$

$\frac{3}{8}$ is already in simplest form since the only number that can be divided evenly into the numerator and the denominator is the number 1.

Example

Find the simplest form of $\frac{6}{24}$

First, try dividing by 3.

$$\frac{6 \div 3}{24 \div 3} = \frac{2}{8}$$

Now, try dividing by 2.

$$\frac{2 \div 2}{8 \div 2} = \frac{1}{4}$$

Example

Find the simplest form of $\frac{18}{24}$

First, try dividing by 2.

$$\frac{18 \div 2}{24 \div 2} = \frac{9}{12}$$

Now, try dividing by 3.

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

Directions: Write the fraction in simplest form. Write "simplest form" if the fraction is already in simplest form.

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

2. $\frac{3}{8}$

3. $\frac{15}{20}$

4. $\frac{24}{32}$

5. $\frac{4}{16}$

6. $\frac{18}{30}$

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Simplest Form

Directions: Write the fraction in simplest form. Write "simplest form" if the fraction is already in simplest form.

7. $\frac{7}{12}$	8. $\frac{25}{40}$	9. $\frac{8}{32}$
10. $\frac{24}{32}$	11. $\frac{9}{16}$	12. $\frac{18}{27}$
13. $\frac{24}{48}$	14. $\frac{4}{12}$	15. $\frac{20}{25}$
16. $\frac{7}{15}$	17. $\frac{28}{32}$	18. $\frac{36}{144}$
19. $\frac{36}{48}$	20. $\frac{50}{100}$	21. $\frac{56}{64}$

Answer Key: Skill 21C, Grade 4

1. $\frac{1}{2}$

2. simplest form

3. $\frac{3}{4}$

4. $\frac{3}{4}$

5. $\frac{1}{4}$

6. $\frac{3}{5}$

7. simplest form

8. $\frac{5}{8}$

9. $\frac{1}{4}$

10. $\frac{3}{4}$

11. simplest form

12. $\frac{2}{3}$

13. $\frac{1}{2}$

14. $\frac{1}{3}$

15. $\frac{4}{5}$

16. simplest form

17. $\frac{7}{8}$

18. $\frac{1}{4}$

19. $\frac{3}{4}$

20. $\frac{1}{2}$

21. $\frac{7}{8}$

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