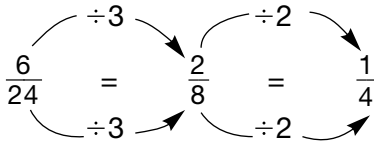


Fractions in Simplest Form

Use division to write a fraction that is equivalent to $\frac{6}{24}$.

Think of a number that is a factor of both 6 and 24. 3 is a factor of 6 and 24. Divide the numerator and the denominator by 3. If you continue to divide until 1 is the only factor of both the numerator and denominator, you will find the fraction in **simplest form**.



$\frac{2}{8}$ and $\frac{1}{4}$ are both equivalent to $\frac{6}{24}$.

Only $\frac{1}{4}$ is in simplest form.

Find the missing number.

1. $\frac{2}{8} = \frac{\square}{4}$ _____

2. $\frac{15}{20} = \frac{\square}{4}$ _____

3. $\frac{7}{21} = \frac{\square}{3}$ _____

4. $\frac{9}{27} = \frac{\square}{3}$ _____

Write each fraction in simplest form.

5. $\frac{6}{10}$ _____

6. $\frac{4}{10}$ _____

7. $\frac{25}{30}$ _____

8. $\frac{24}{32}$ _____

9. $\frac{10}{15}$ _____

10. $\frac{9}{24}$ _____

11. $\frac{21}{28}$ _____

12. $\frac{25}{35}$ _____

13. $\frac{8}{20}$ _____

14. $\frac{9}{18}$ _____

15. $\frac{8}{18}$ _____

16. $\frac{15}{40}$ _____

17. $\frac{2}{18}$ _____

18. $\frac{6}{24}$ _____

19. $\frac{32}{34}$ _____

20. $\frac{12}{26}$ _____