

Extra Practice

Simplify Fractions (D)

Simplify each fraction to its lowest terms.

Use your prime factorizations to help!

Ex

$$\frac{20}{32}$$

$$= \frac{2 \times 2 \times 5}{2 \times 2 \times 2 \times 4} = \frac{5}{8}$$

$$\frac{6}{8}$$

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

$$\frac{5}{45}$$

=

$$\frac{4}{8}$$

=

$$\frac{16}{24}$$

=

$$\frac{4}{10}$$

=

$$\frac{2}{8}$$

=

$$\frac{20}{28}$$

=

$$\frac{2}{8}$$

=

$$\frac{2}{10}$$

=

$$\frac{3}{6}$$

=

$$\frac{5}{30}$$

=

$$\frac{4}{6}$$

=

$$\frac{5}{15}$$

=

$$\frac{10}{30}$$

=

$$\frac{3}{9}$$

=

$$\frac{9}{15}$$

=

$$\frac{8}{24}$$

=

$$\frac{10}{14}$$

=

$$\frac{2}{4}$$

=

$$\frac{12}{16}$$

=

$$\frac{10}{40}$$

=

$$\frac{9}{12}$$

=

$$\frac{3}{6}$$

=

$$\frac{6}{8}$$

=

$$\frac{10}{16}$$

=

$$\frac{10}{15}$$

=

$$\frac{21}{27}$$

=

$$\frac{5}{20}$$

=

$$\frac{15}{20}$$

=

$$\frac{9}{24}$$

=

$$\frac{15}{45}$$

=

Extra Practice

Rewrite one or both fractions as equivalent fractions with the same denominator

1. $\frac{1}{6}$ and $\frac{5}{12}$ _____

2. $\frac{1}{2}$ and $\frac{3}{4}$ _____

3. $\frac{3}{5}$ and $\frac{3}{10}$ _____

4. $\frac{8}{9}$ and $\frac{1}{18}$ _____

5. $\frac{1}{4}$ and $\frac{5}{12}$ _____

6. $\frac{1}{6}$ and $\frac{3}{18}$ _____

7. $\frac{11}{24}$ and $\frac{7}{8}$ _____

8. $\frac{7}{9}$ and $\frac{1}{3}$ _____

9. $\frac{5}{8}$ and $\frac{8}{9}$ _____

10. $\frac{13}{20}$ and $\frac{2}{3}$ _____

11. $\frac{6}{7}$ and $\frac{5}{12}$ _____

12. $\frac{1}{4}$ and $\frac{10}{11}$ _____

13. $\frac{1}{6}$ and $\frac{3}{8}$ _____

14. $\frac{3}{4}$ and $\frac{9}{10}$ _____

15. $\frac{2}{9}$ and $\frac{5}{6}$ _____

16. $\frac{7}{12}$ and $\frac{7}{8}$ _____

17. $\frac{17}{20}$ and $\frac{11}{14}$ _____

18. $\frac{1}{9}$ and $\frac{7}{12}$ _____

19. $\frac{1}{4}$ and $\frac{3}{5}$ _____

20. $\frac{7}{10}$ and $\frac{8}{15}$ _____

21. $\frac{13}{16}$ and $\frac{11}{12}$ _____

22. $\frac{11}{24}$ and $\frac{13}{18}$ _____

23. $\frac{3}{25}$ and $\frac{7}{30}$ _____

24. $\frac{3}{14}$ and $\frac{9}{10}$ _____

25. $\frac{5}{6}$ and $\frac{3}{16}$ _____

26. $\frac{11}{12}$ and $\frac{7}{30}$ _____