

Maths homework this half term is all about fractions - these appear a lot in the SATs papers so please take the time to practice.

Simplifying Fractions

Use common factors, simplify the following fractions to their simplest form:

1. $\frac{8}{16} = \frac{\quad}{\quad}$

2. $\frac{7}{21} = \frac{\quad}{\quad}$

3. $\frac{9}{15} = \frac{\quad}{\quad}$

4. $\frac{2}{10} = \frac{\quad}{\quad}$

5. $\frac{3}{12} = \frac{\quad}{\quad}$

6. $\frac{5}{20} = \frac{\quad}{\quad}$

7. $\frac{8}{20} = \frac{\quad}{\quad}$

8. $\frac{4}{6} = \frac{\quad}{\quad}$

9. $\frac{12}{24} = \frac{\quad}{\quad}$

10. $\frac{10}{15} = \frac{\quad}{\quad}$

11. $\frac{4}{16} = \frac{\quad}{\quad}$

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

13. $\frac{4}{16} = \frac{\quad}{\quad}$

14. $\frac{9}{12} = \frac{\quad}{\quad}$

15. $\frac{6}{18} = \frac{\quad}{\quad}$

16. $\frac{10}{30} = \frac{\quad}{\quad}$

17. $\frac{10}{25} = \frac{\quad}{\quad}$

18. $\frac{10}{16} = \frac{\quad}{\quad}$

Simplifying Fractions Answers

Use common factors, simplify the following fractions to their simplest form:

1. $\frac{8}{16} = \frac{1}{2}$

2. $\frac{7}{21} = \frac{1}{3}$

3. $\frac{9}{15} = \frac{3}{5}$

4. $\frac{2}{10} = \frac{1}{5}$

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

6. $\frac{5}{20} = \frac{1}{4}$

7. $\frac{8}{20} = \frac{2}{5}$

8. $\frac{4}{6} = \frac{2}{3}$

9. $\frac{12}{24} = \frac{1}{2}$

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

11. $\frac{4}{16} = \frac{1}{4}$

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

13. $\frac{4}{16} = \frac{1}{4}$

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

15. $\frac{6}{18} = \frac{1}{3}$

16. $\frac{10}{30} = \frac{1}{3}$

17. $\frac{10}{25} = \frac{2}{5}$

18. $\frac{10}{16} = \frac{5}{8}$