Simplifying Fractions

Practice worksheet · KS3

Name: _____ Date: _____

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

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

3. $\frac{6}{9}$ =

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

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

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

7. $\frac{6}{8}$ =

8. $\frac{12}{16}$ =

9. $\frac{10}{25}$ =

10. $\frac{15}{20}$ =

11. $\frac{14}{21}$ =

★ stretch

12. $\frac{16}{24}$ =

★ stretch

13. $\frac{18}{30}$ =

★ stretch

14. In a class of 24 students, 18 walk to school. What fraction walk, in simplest form?

★ stretch

15. A football team wins 12 of its 20 matches. What fraction of the matches did it win, in simplest form?

★ stretch

16. Priya sleeps 8 hours out of every 24. What fraction of the day is she asleep, in simplest form?

★ stretch

Answers

Simplifying Fractions

1. $\frac{2}{4} = \frac{1}{2}$
2. $\frac{4}{8} = \frac{1}{2}$
3. $\frac{6}{9} = \frac{2}{3}$
4. $\frac{4}{6} = \frac{2}{3}$
5. $\frac{10}{15} = \frac{2}{3}$
6. $\frac{9}{12} = \frac{3}{4}$
7. $\frac{6}{8} = \frac{3}{4}$
8. $\frac{12}{16} = \frac{3}{4}$
9. $\frac{10}{25} = \frac{2}{5}$
10. $\frac{15}{20} = \frac{3}{4}$
11. $\frac{14}{21} = \frac{2}{3}$
12. $\frac{16}{24} = \frac{2}{3}$
13. $\frac{18}{30} = \frac{3}{5}$
14. 18/24 ÷6 = 3/4
15. 12/20 ÷4 = 3/5
16. 8/24 ÷8 = 1/3