Equivalent Fractions

Practice worksheet · KS3

Name: _____ Date: _____

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

2. $\frac{1}{3} = \frac{?}{6}$

3. $\frac{2}{3} = \frac{?}{9}$

4. $\frac{3}{4} = \frac{?}{8}$

5. $\frac{2}{5} = \frac{?}{15}$

6. $\frac{5}{6} = \frac{?}{12}$

7. $\frac{1}{2} = \frac{5}{?}$

8. $\frac{3}{5} = \frac{9}{?}$

9. $\frac{2}{7} = \frac{6}{?}$

10. $\frac{4}{9} = \frac{?}{27}$

11. $\frac{5}{8} = \frac{?}{24}$

★ stretch

12. $\frac{5}{7} = \frac{?}{28}$

★ stretch

13. $\frac{2}{3} = \frac{10}{?}$

★ stretch

14. Amy eats 3/4 of a chocolate bar with 16 squares. How many squares does she eat?

★ stretch

15. A pizza is cut into 10 equal slices. How many slices make exactly 2/5 of the pizza?

★ stretch

16. Jo and Sam have identical pizzas. Jo's is cut in half and she eats 1 piece. Sam's is cut into 8 slices. How many slices must Sam eat to have exactly the same amount?

★ stretch

Answers

Equivalent Fractions

1. $\frac{1}{2} = \frac{2}{4}$
2. $\frac{1}{3} = \frac{2}{6}$
3. $\frac{2}{3} = \frac{6}{9}$
4. $\frac{3}{4} = \frac{6}{8}$
5. $\frac{2}{5} = \frac{6}{15}$
6. $\frac{5}{6} = \frac{10}{12}$
7. $\frac{1}{2} = \frac{5}{10}$
8. $\frac{3}{5} = \frac{9}{15}$
9. $\frac{2}{7} = \frac{6}{21}$
10. $\frac{4}{9} = \frac{12}{27}$
11. $\frac{5}{8} = \frac{15}{24}$
12. $\frac{5}{7} = \frac{20}{28}$
13. $\frac{2}{3} = \frac{10}{15}$
14. 3/4 = 12/16 = 12 squares
15. 2/5 = 4/10 = 4 slices
16. 1/2 = 4/8 = 4 slices