

Simplify fractions

Year 5 · Fractions · y5-fraction-simplify

Name: _____

Date: _____

Class: _____

Score: ____ / ____

Instructions

Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

Practice

1. Write a fraction equivalent to $\frac{2}{5}$ that has a denominator of 10.

2. Write a fraction equivalent to $\frac{3}{4}$ that has a denominator of 12.

3. Which fraction is equivalent to $\frac{3}{5}$, $\frac{6}{10}$ or $\frac{6}{15}$? Type the correct fraction only.

4. A recipe needs $\frac{1}{4}$ of a litre of milk. Write an equivalent fraction with a denominator of 20.

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

6. Write $\frac{15}{20}$ in its simplest form.

7. Simplify $\frac{12}{18}$ by dividing both the numerator and denominator by 6.

8. Write $\frac{8}{20}$ in its simplest form.

Challenge

1. Write two fractions equivalent to $\frac{2}{3}$, one with denominator 9 and one with denominator 12. Give your answer as: ?/9, ?/12

2. Write $\frac{24}{36}$ in its simplest form.