MATHEMATICS · YEAR 6

FRACTIONS

Multiplying Proper and Improper Fractions

Name: _____ **Date:** _____

Multiply each expression. Show your working and simplify every answer fully. You may cancel common factors before multiplying.

A Multiply a fraction by a whole number

Show your working

1 $\frac{3}{5} \times 4$

Working

Answer: _____

2 $\frac{7}{8} \times 6$

Working

Answer: _____

3 $\frac{5}{3} \times 3$

Working

Answer: _____

4 $\frac{11}{4} \times 2$

Working

Answer: _____

B Multiply two fractions

Simplify your answer

5 $\frac{2}{3} \times \frac{3}{5}$

Working

Answer: _____

6 $\frac{7}{10} \times \frac{5}{14}$

Working

Answer: _____

7 $\frac{4}{9} \times \frac{3}{8}$

Working

Answer: _____

8 $\frac{5}{6} \times \frac{9}{10}$

Working

Answer: _____

C Challenge: multiply and simplify

Look for common factors

9 $\frac{9}{4} \times \frac{2}{3}$

Working

Answer: _____

10 $\frac{7}{5} \times \frac{10}{21}$

Working

Answer: _____

11 $\frac{8}{3} \times \frac{9}{16}$

Working

Answer: _____

12 $\frac{11}{6} \times \frac{9}{22}$

Working

Answer: _____