



DIVIDING MIXED NUMBERS SHEET 3

Divide these fractions. Your answer should be given as a mixed fraction in simplest form.

Example 1 $3 \frac{1}{3} \div 1 \frac{5}{6} = \frac{10}{3} \div \frac{11}{6} = \frac{10}{3} \times \frac{6}{11} = \frac{60}{33} = 1 \frac{9}{11}$

Example 2 $4 \div 2 \frac{1}{3} = \frac{4}{1} \div \frac{7}{3} = \frac{4}{1} \times \frac{3}{7} = \frac{12}{7} = 1 \frac{5}{7}$

1) $2 \frac{1}{4} \div \frac{1}{2} =$

2) $3 \frac{2}{5} \div \frac{1}{3} =$

3) $2 \div 1 \frac{1}{5} =$

4) $1 \frac{5}{7} \div 2 \frac{1}{2} =$

5) $5 \frac{2}{7} \div 3 =$

6) $1 \frac{7}{8} \div 2 \frac{2}{3} =$

7) $3 \frac{2}{5} \div \frac{3}{4} =$

8) $6 \div 2 \frac{1}{3} =$



Name

Date



DIVIDING MIXED NUMBERS SHEET 3 ANSWERS

1)

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

2)

$$3 \frac{2}{5} \div \frac{1}{3} = 10 \frac{1}{5}$$

3)

$$2 \div 1 \frac{1}{5} = 1 \frac{2}{3}$$

4)

$$1 \frac{5}{7} \div 2 \frac{1}{2} = \frac{24}{35}$$

5)

$$5 \frac{2}{7} \div 3 = 1 \frac{16}{21}$$

6)

$$1 \frac{7}{8} \div 2 \frac{2}{3} = \frac{45}{64}$$

7)

$$3 \frac{2}{5} \div \frac{3}{4} = 4 \frac{8}{15}$$

8)

$$6 \div 2 \frac{1}{3} = 2 \frac{4}{7}$$

