

Fractions and the four operations

1. Addition

a. $\frac{2}{5} + \frac{1}{5} =$

b. $\frac{2}{7} + \frac{3}{7} =$

c. $\frac{5}{8} + \frac{4}{8} =$

2. Subtraction

a. $\frac{3}{5} - \frac{1}{5} =$

b. $\frac{6}{7} - \frac{2}{7} =$

c. $\frac{7}{8} - \frac{4}{8} =$

3. Multiplication

a. $\frac{1}{2} \times \frac{1}{2} =$

b. $\frac{2}{3} \times \frac{1}{4} =$

c. $\frac{1}{4} \times \frac{2}{5} =$

3. Division

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

b. $\frac{2}{3} \div \frac{1}{4} =$

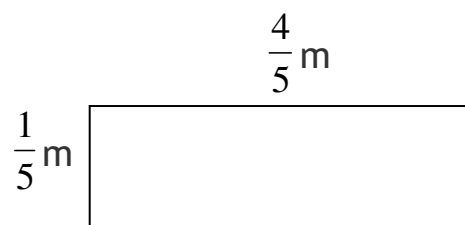
c. $\frac{3}{4} \div \frac{1}{5} =$

4. There are 56 students on a school trip. $\frac{1}{8}$ of the students are in year 7. Work out how many year 7 students are on the school trip.

5. There are 720 students on a school. $\frac{4}{9}$ of the students have packed lunches and $\frac{1}{6}$ go home for lunch. Work out how many students have

(a) packed lunch (b) go home for lunch

6. Calculate the area and perimeter of this rectangle.



7. Mr Cook has $3\frac{1}{3}$ kg of flour. One cake needs $\frac{2}{3}$ kg of flour. How many cakes can Mr Cook make?