

Mathematics

Multiply a mixed number fraction

Mr Kelsall



New learning: multiplying fractions

Place the fractions in the correct place to make the calculations correct. Where does the extra fraction go?

$$\square \times 2 = \square$$

$$\square \times 3 = \square$$

$$\square \times 6 = \square$$

$$\square \times 7 = \square$$

$$\frac{1}{7}$$

$$\frac{1}{8}$$

$$\frac{1}{5}$$

$$\frac{3}{4}$$

$$\frac{6}{8}$$

$$\frac{2}{5}$$

$$\frac{1}{6}$$

$$\frac{7}{7}$$

$$\frac{3}{6}$$



New learning: multiplying fractions

Homework takes $1\frac{3}{4}$ hours each day.

Homework is given 3 days per week. How long does the homework take each week?

Repeated addition

Multiply

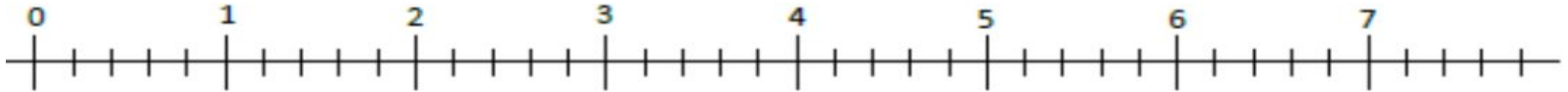
Number line



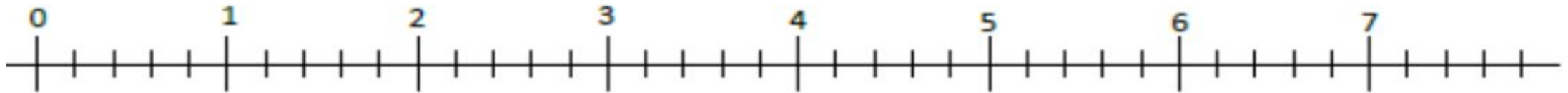
Develop learning: multiplying fractions

Solve each problem in at least two different ways.

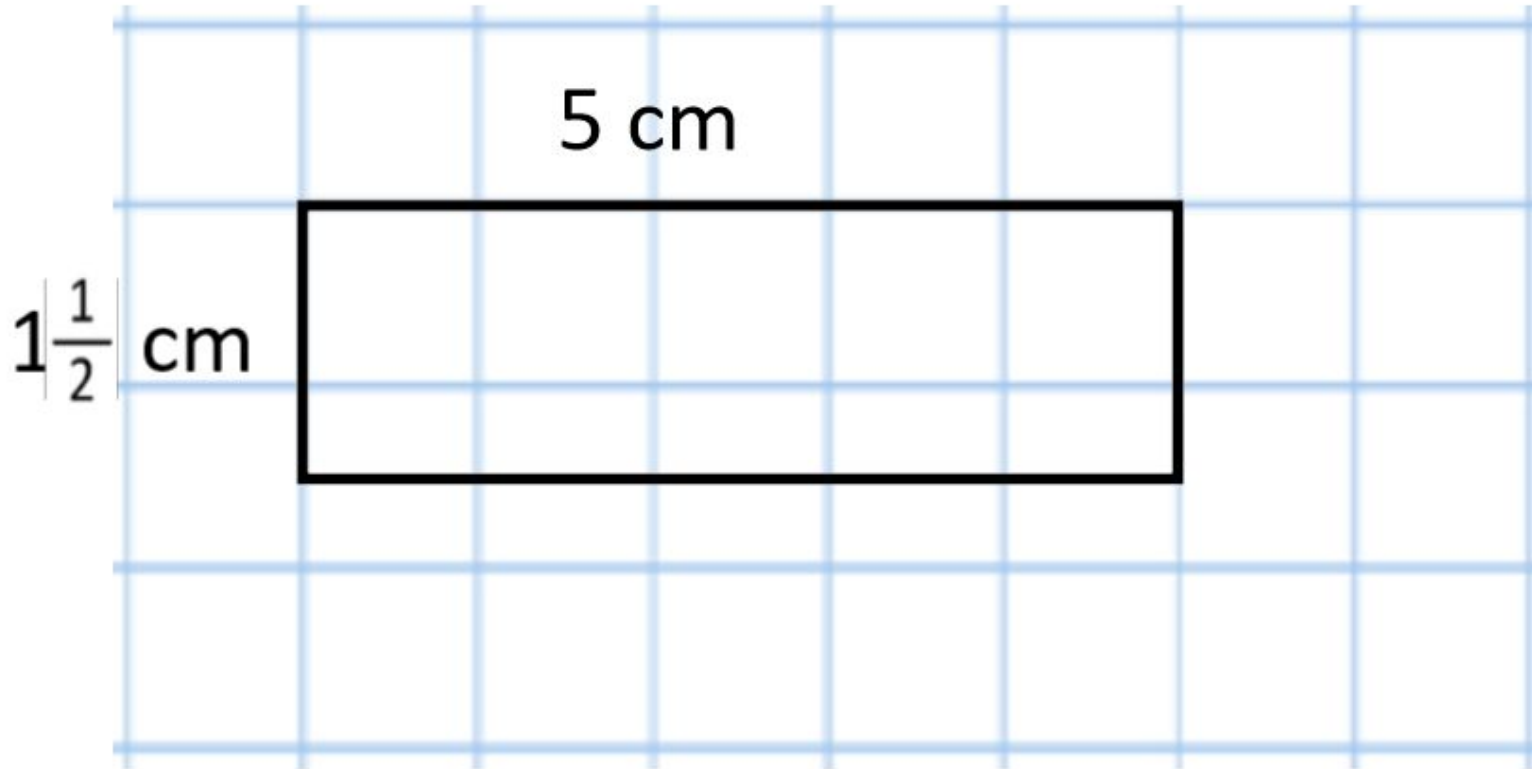
- 1) Andy runs $1\frac{1}{5}$ km every day. What is the total distance he runs in four days?



- 2) The length of the gate is $1\frac{2}{5}$ m and the fence is four times longer. What is the length of the fence?



Develop learning: multiplying fractions



Independent task

What is the area of these shapes? Can you find other rectangles with the same area?

