



# Key Instant Recall Facts

I can find fractions of amounts.

Year 4

Spring Term 2

To find a fraction of a number, divide by the denominator and multiply by numerator.

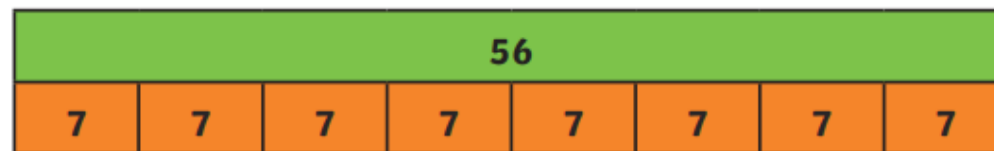


To find quarters of 20:



$$\frac{1}{4} \text{ of } 20 = 5 \quad \frac{2}{4} \text{ of } 20 = 10 \quad \frac{3}{4} \text{ of } 20 = 15 \quad \frac{4}{4} \text{ of } 20 = 20$$

To find eighths of 56:



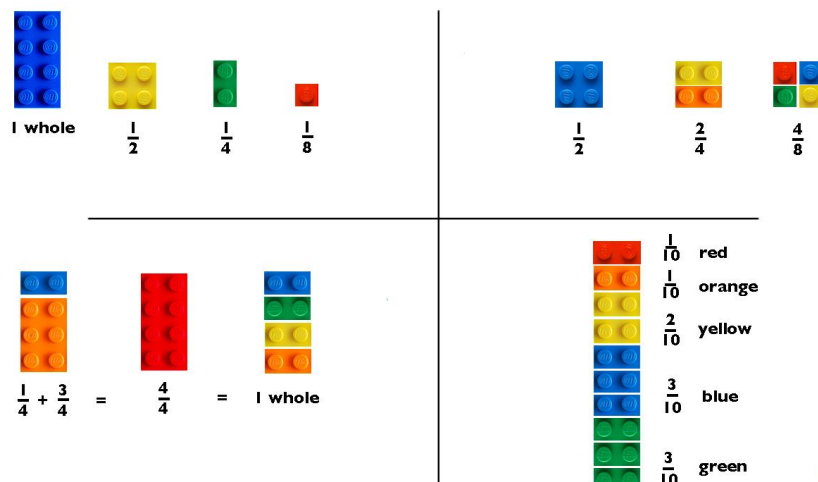
$$\begin{aligned} \frac{1}{8} \text{ of } 56 &= 7 & \frac{2}{8} \text{ of } 56 &= 14 & \frac{3}{8} \text{ of } 56 &= 21 & \frac{4}{8} \text{ of } 56 &= 28 \\ \frac{5}{8} \text{ of } 56 &= 35 & \frac{6}{8} \text{ of } 56 &= 42 & \frac{7}{8} \text{ of } 56 &= 49 & \frac{8}{8} \text{ of } 56 &= 56 \end{aligned}$$

## Top tips for learning at home

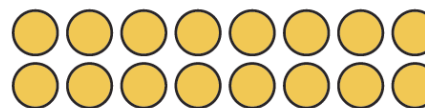
When learning key recall facts it is important to do so little but often. You could practise these KIRFs while walking to school or during a car journey. You don't need to practice them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

**Use practical resources** – You could use items around the home for find fractions of different quantities. Raisins, sweets or pasta shapes are good for this.

**Lego** - Lego bricks are fantastic for working with fractions:



1) Clara has 16 cupcakes.



a) Use the counters above to represent Clara's cupcakes and find:

$$\frac{1}{2} \text{ of } 16 = \square$$

$$\frac{1}{4} \text{ of } 16 = \square$$

$$\frac{1}{8} \text{ of } 16 = \square$$

b) Use the answers to the calculations above to help find:

$$\frac{2}{2} \text{ of } 16 = \square$$

$$\frac{3}{4} \text{ of } 16 = \square$$

$$\frac{5}{8} \text{ of } 16 = \square$$

## Key Vocabulary

fraction  
numerator  
denominator  
divide  
multiply  
quantities  
whole  
halves  
thirds  
quarters  
fifths  
sixths  
sevenths  
eighths  
ninth  
tenths  
elevenths  
twelfths