

Arithmetic

$3 \text{ and } \frac{1}{2} \times 6$	$\frac{5}{8} \times 7$	$4 \text{ and } \frac{2}{3} \times 10$	$\frac{3}{4} \times 12$
$7 \text{ and } \frac{1}{5} \times 9$	$11 \text{ and } \frac{5}{6} \times 8$	$\frac{8}{9} \times 6$	$7 \text{ and } \frac{2}{7} \times 7$

Word problems (Give your answers as **mixed numbers**)

- Seven people each buy $\frac{1}{3}$ of a pizza. How much pizza have they bought all together?
- A Formula 1 race track is $1 \text{ and } \frac{1}{4}$ miles long. If a race is 45 laps, how many miles do the cars drive?
- A recipe for four people needs one and a half cups of flour. How many cups of flour are needed for twelve people?
- It takes a hot tap 2 and a half minutes to fill up a five litre bucket. How many minutes will it take the tap to fill up a 100 litre bath?

Comparing fractions. Solve and write < or > between each pair of multiplications

- $7 \times \frac{2}{3}$ _____ $4 \times \frac{5}{6}$
- $6 \times \frac{3}{4}$ _____ $7 \times \frac{3}{8}$
- $3 \times \frac{7}{10}$ _____ $4 \times \frac{3}{5}$
- $4 \times \frac{5}{6}$ _____ $4 \times \frac{5}{12}$

Challenge:

$$\square \frac{1}{2} \times \square = 27 \frac{1}{2} \quad \square \frac{1}{3} \times \square = 50 \frac{2}{3}$$