

Year 5

Week 10

Lesson 4 - Multiplying fractions

**Challenge 1**

Work out the answer to each of these questions. If it is possible, convert to mixed number and simplify.

1.  $3 \times \frac{1}{4}$

2.  $\frac{3}{8} \times 3$

3.  $4 \times \frac{2}{10}$

4.  $\frac{2}{6} \times 5$

5.  $\frac{3}{7} \times 4$

6.  $9 \times \frac{1}{2}$

7.  $7 \times \frac{2}{3}$

8.  $\frac{3}{5} \times 6$

### Challenge 2

Work out the fractions below and use the symbols  $<$   $>$   $=$  based on the answers you discover.

$4 \times \frac{3}{10} =$	-	$3 \times \frac{3}{5} =$
$3 \times \frac{3}{7} =$	-	$4 \times \frac{1}{7} =$
$2 \times \frac{1}{2} =$	-	$2 \times \frac{1}{4} =$
$3 \times \frac{1}{3} =$	-	$3 \times \frac{2}{6} =$
$5 \times \frac{7}{10} =$	-	$3 \times \frac{4}{5} =$
$6 \times \frac{5}{6} =$	-	$7 \times \frac{4}{5} =$

### Challenge 3

Order the fractions below in ascending order based on your answer.

$4 \times \frac{5}{6}$

$3 \times \frac{10}{12}$

$3 \times \frac{2}{9}$

$5 \times \frac{12}{36}$

$5 \times \frac{4}{6}$