

Year 5
Week 11
Lesson 1 - Multiplying fractions

Challenge 1

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

1) $2 \times \frac{1}{3} =$

| | | | | |
|---|---|---|---|---|
| 2 | | 1 | | 2 |
| 1 | x | 3 | = | 3 |

2) $3 \times \frac{2}{5} =$

| | | | | |
|---|---|--|---|--|
| 3 | | | | |
| 1 | x | | = | |

3) $4 \times \frac{2}{8} =$

+

| | | | | |
|--|---|--|---|--|
| | | | | |
| | x | | = | |

□

4) $3 \times \frac{3}{8} =$

| | | | | |
|--|---|--|---|--|
| | | | | |
| | x | | = | |

5) $4 \times \frac{4}{7} =$

| | | | | |
|--|---|--|---|--|
| | | | | |
| | x | | = | |

Challenge 2

Work out the fractions below

1. $2 \times \frac{6}{8} =$

2. $3 \times \frac{4}{9} =$

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

4. $3 \times \frac{7}{9}$

5. $4 \times \frac{4}{12} =$

6. $7 \times \frac{8}{10} =$

7. $6 \times \frac{5}{10} =$

8. $5 \times \frac{4}{6} =$

Challenge 3

Use the digits below once to complete these two multiplications.

9 2 4 6 3

$$\boxed{} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

1 2 3 4 5 6

$$\boxed{} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$