# mobius
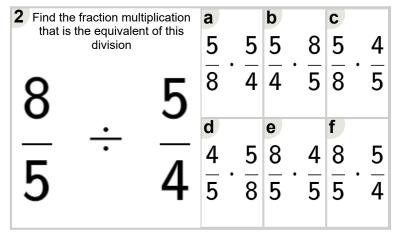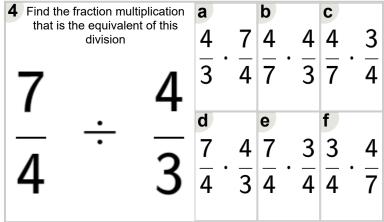
Math worksheet on *'Fraction Division - Improper - Equivalent Multiplication (Level 3)'*. Part of a broader unit on *'Fraction Division - Practice'*

Learn online: app.mobius.academy/math/units/fractions_division_practice/

**1** Find the fraction multiplication that is the equivalent of this division

$$\frac{8}{7} \div \frac{9}{2}$$

| a | b | c |
|---|---|---|
| $\frac{9}{2} \cdot \frac{8}{7}$ | $\frac{8}{7} \cdot \frac{9}{2}$ | $\frac{8}{7} \cdot \frac{2}{9}$ |

| d | e | f |
|---|---|---|
| $\frac{7}{8} \cdot \frac{9}{2}$ | $\frac{7}{8} \cdot \frac{2}{9}$ | $\frac{2}{9} \cdot \frac{7}{8}$ |

**2** Find the fraction multiplication that is the equivalent of this division

$$\frac{8}{5} \div \frac{5}{4}$$

| a | b | c |
|---|---|---|
| $\frac{5}{8} \cdot \frac{5}{4}$ | $\frac{5}{4} \cdot \frac{8}{5}$ | $\frac{5}{8} \cdot \frac{4}{5}$ |

| d | e | f |
|---|---|---|
| $\frac{4}{5} \cdot \frac{5}{8}$ | $\frac{8}{5} \cdot \frac{4}{5}$ | $\frac{8}{5} \cdot \frac{5}{4}$ |

**3** Find the fraction multiplication that is the equivalent of this division

$$\frac{7}{5} \div \frac{5}{4}$$

| a | b | c |
|---|---|---|
| $\frac{5}{7} \cdot \frac{4}{5}$ | $\frac{7}{5} \cdot \frac{4}{5}$ | $\frac{5}{4} \cdot \frac{7}{5}$ |

| d | e | f |
|---|---|---|
| $\frac{5}{7} \cdot \frac{5}{4}$ | $\frac{7}{5} \cdot \frac{5}{4}$ | $\frac{4}{5} \cdot \frac{5}{7}$ |

**4** Find the fraction multiplication that is the equivalent of this division

$$\frac{7}{4} \div \frac{4}{3}$$

| a | b | c |
|---|---|---|
| $\frac{4}{3} \cdot \frac{7}{4}$ | $\frac{4}{7} \cdot \frac{4}{3}$ | $\frac{4}{7} \cdot \frac{3}{4}$ |

| d | e | f |
|---|---|---|
| $\frac{7}{4} \cdot \frac{4}{3}$ | $\frac{7}{4} \cdot \frac{3}{4}$ | $\frac{3}{4} \cdot \frac{4}{7}$ |

**5** Find the fraction multiplication that is the equivalent of this division

$$\frac{9}{4} \div \frac{8}{7}$$

| a | b | c |
|---|---|---|
| $\frac{9}{4} \cdot \frac{8}{7}$ | $\frac{4}{9} \cdot \frac{8}{7}$ | $\frac{7}{8} \cdot \frac{4}{9}$ |

| d | e | f |
|---|---|---|
| $\frac{4}{9} \cdot \frac{7}{8}$ | $\frac{8}{7} \cdot \frac{9}{4}$ | $\frac{9}{4} \cdot \frac{7}{8}$ |

**6** Find the fraction multiplication that is the equivalent of this division

$$\frac{9}{5} \div \frac{5}{4}$$

| a | b | c |
|---|---|---|
| $\frac{5}{4} \cdot \frac{9}{5}$ | $\frac{9}{5} \cdot \frac{4}{5}$ | $\frac{5}{9} \cdot \frac{4}{5}$ |

| d | e | f |
|---|---|---|
| $\frac{9}{5} \cdot \frac{5}{4}$ | $\frac{4}{5} \cdot \frac{5}{9}$ | $\frac{5}{9} \cdot \frac{5}{4}$ |

**7** Find the fraction multiplication that is the equivalent of this division

$$\frac{5}{2} \div \frac{9}{5}$$

| a | b | c |
|---|---|---|
| $\frac{2}{5} \cdot \frac{9}{5}$ | $\frac{5}{2} \cdot \frac{9}{5}$ | $\frac{5}{2} \cdot \frac{5}{9}$ |

| d | e | f |
|---|---|---|
| $\frac{5}{9} \cdot \frac{2}{5}$ | $\frac{2}{5} \cdot \frac{5}{9}$ | $\frac{9}{5} \cdot \frac{5}{2}$ |

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