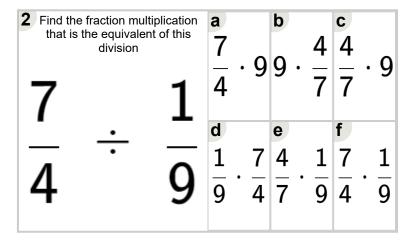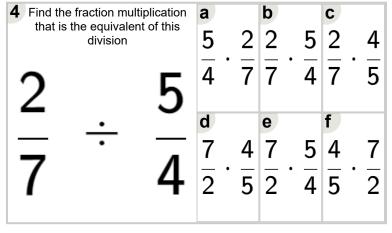# Mobius Math Academy   Name:_____

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Math worksheet on *'Fraction Division - Improper - Equivalent Multiplication (Level 1)'*. Part of a broader unit on *'Fraction Division - Intro'*

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

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

$$\frac{1}{2} \div \frac{7}{3}$$

| a | b | c |
|---|---|---|
| $\frac{1}{2} \cdot \frac{3}{7}$ | $2 \cdot \frac{3}{7}$ | $\frac{7}{3} \cdot \frac{1}{2}$ |

| d | e | f |
|---|---|---|
| $\frac{3}{7} \cdot 2$ | $2 \cdot \frac{7}{3}$ | $\frac{1}{2} \cdot \frac{7}{3}$ |

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

$$\frac{7}{4} \div \frac{1}{9}$$

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

| d | e | f |
|---|---|---|
| $\frac{1}{9} \cdot \frac{7}{4}$ | $\frac{4}{7} \cdot \frac{1}{9}$ | $\frac{7}{4} \cdot \frac{1}{9}$ |

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

$$\frac{1}{6} \div \frac{6}{5}$$

| a | b | c |
|---|---|---|
| $6 \cdot \frac{5}{6}$ | $\frac{1}{6} \cdot \frac{6}{5}$ | $\frac{1}{6} \cdot \frac{5}{6}$ |

| d | e | f |
|---|---|---|
| $\frac{6}{5} \cdot \frac{1}{6}$ | $\frac{5}{6} \cdot 6$ | $6 \cdot \frac{6}{5}$ |

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

$$\frac{2}{7} \div \frac{5}{4}$$

| a | b | c |
|---|---|---|
| $\frac{5}{4} \cdot \frac{2}{7}$ | $\frac{2}{7} \cdot \frac{5}{4}$ | $\frac{2}{7} \cdot \frac{4}{5}$ |

| d | e | f |
|---|---|---|
| $\frac{7}{2} \cdot \frac{4}{5}$ | $\frac{7}{2} \cdot \frac{5}{4}$ | $\frac{4}{5} \cdot \frac{7}{2}$ |

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

$$\frac{2}{9} \div \frac{7}{4}$$

| a | b | c |
|---|---|---|
| $\frac{9}{2} \cdot \frac{4}{7}$ | $\frac{2}{9} \cdot \frac{4}{7}$ | $\frac{9}{2} \cdot \frac{7}{4}$ |

| d | e | f |
|---|---|---|
| $\frac{7}{4} \cdot \frac{2}{9}$ | $\frac{2}{9} \cdot \frac{7}{4}$ | $\frac{4}{7} \cdot \frac{9}{2}$ |

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

$$\frac{7}{6} \div \frac{1}{7}$$

| a | b | c |
|---|---|---|
| $\frac{1}{7} \cdot \frac{7}{6}$ | $7 \cdot \frac{6}{7}$ | $\frac{6}{7} \cdot \frac{1}{7}$ |

| d | e | f |
|---|---|---|
| $\frac{7}{6} \cdot 7$ | $\frac{7}{6} \cdot \frac{1}{7}$ | $\frac{1}{7} \cdot 7$ |

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

$$\frac{5}{6} \div \frac{7}{5}$$

| a | b | c |
|---|---|---|
| $\frac{7}{5} \cdot \frac{5}{6}$ | $\frac{6}{5} \cdot \frac{7}{5}$ | $\frac{5}{7} \cdot \frac{6}{5}$ |

| d | e | f |
|---|---|---|
| $\frac{6}{5} \cdot \frac{5}{7}$ | $\frac{5}{6} \cdot \frac{7}{5}$ | $\frac{5}{6} \cdot \frac{5}{7}$ |

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