



Math worksheet on 'Units - Conversion (1 Ratio) - Problem to Conversion Ratio (Level 1)'. Part of a broader unit on 'Unit Conversion - Intro'

Learn online: [app.mobius.academy/math/units/unit\\_conversion\\_intro/](http://app.mobius.academy/math/units/unit_conversion_intro/)

1 Select the conversion ratio you need to solve this unit conversion problem

$$8 \frac{ft}{s} \text{ is } ? \frac{yrd}{s}$$

- |                           |   |   |
|---------------------------|---|---|
| a                         | b   | c   |
| $\times 3 \frac{ft}{yrd}$ | $\times \frac{1 \text{ min}}{60 \text{ s}}$ | $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ |

2 Select the conversion ratio you need to solve this unit conversion problem

$$7 \frac{ft}{s} \text{ is } ? \frac{yrd}{s}$$

- |                           |                           |   |
|---------------------------|---------------------------|---|
| a                         | b                         | c   |
| $\times 60 \frac{s}{min}$ | $\times 3 \frac{ft}{yrd}$ | $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ |

3 Select the conversion ratio you need to solve this unit conversion problem

$$4 \frac{s}{yrd} \text{ is } ? \frac{s}{ft}$$

- |                           |   |   |
|---------------------------|---|---|
| a                         | b   | c   |
| $\times 3 \frac{ft}{yrd}$ | $\times \frac{1 \text{ min}}{60 \text{ s}}$ | $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ |

4 Select the conversion ratio you need to solve this unit conversion problem

$$5 \frac{s}{yrd} \text{ is } ? \frac{s}{ft}$$

- |                           |   |   |
|---------------------------|---|---|
| a                         | b   | c   |
| $\times 3 \frac{ft}{yrd}$ | $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ | $\times \frac{1 \text{ min}}{60 \text{ s}}$ |

5 Select the conversion ratio you need to solve this unit conversion problem

$$2 \frac{yrd}{s} \text{ is } ? \frac{ft}{s}$$

- |   |                           |                           |
|---|---------------------------|---------------------------|
| a   | b                         | c                         |
| $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ | $\times 3 \frac{ft}{yrd}$ | $\times 60 \frac{s}{min}$ |

6 Select the conversion ratio you need to solve this unit conversion problem

$$2 \frac{ft}{s} \text{ is } ? \frac{yrd}{s}$$

- |                           |   |   |                           |
|---------------------------|---|---|---------------------------|
| a                         | b   | c   | d                         |
| $\times 3 \frac{ft}{yrd}$ | $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ | $\times \frac{1 \text{ min}}{60 \text{ s}}$ | $\times 60 \frac{s}{min}$ |

7 Select the conversion ratio you need to solve this unit conversion problem

$$6 \frac{s}{ft} \text{ is } ? \frac{s}{yrd}$$

- |   |   |                           |
|---|---|---------------------------|
| a   | b   | c                         |
| $\times \frac{1 \text{ yrd}}{3 \text{ ft}}$ | $\times \frac{1 \text{ min}}{60 \text{ s}}$ | $\times 3 \frac{ft}{yrd}$ |