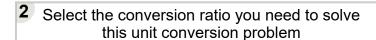
| Name: |  |  |  |  |
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Math worksheet on 'Units - Conversion (1 Ratio) -Problem to Conversion Ratio (Level 1)'. Part of a broader unit on 'Unit Conversion - Intro'

Learn online: app.mobius.academy/math/units/unit conversion intro/



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

$$\begin{vmatrix} s & s & s \\ \times 60 \frac{s}{min} \end{vmatrix} \times 3 \frac{ft}{yrd} \begin{vmatrix} c & 1 & yrd \\ \times 3 & ft \end{vmatrix}$$

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

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

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

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

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

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

$$\times 3\frac{ft}{yrd} \times \frac{1}{60} \frac{min}{s} \times \frac{1}{3} \frac{yrd}{ft}$$

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

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

$$\times 3 \frac{ft}{yrd} \times \frac{1}{60} \frac{min}{s} \times \frac{1}{3} \frac{yrd}{ft}$$

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

$$imes rac{1}{3} rac{yrd}{ft} \stackrel{ extbf{b}}{=} imes 3 rac{ft}{yrd} \stackrel{ extbf{c}}{=} 60 rac{s}{min}$$

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

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

$$\times \frac{1}{3} \frac{yrd}{ft} \times \frac{1}{60} \frac{min}{s} \times 3 \frac{ft}{yrd}$$