Math worksheet on *'Units - Conversion (2 Ratios) - 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/

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

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

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

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

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

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

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

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

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

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

$$3\frac{ft}{s} \; is \; ? \frac{yrd}{min}$$

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

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

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

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

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

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

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

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

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

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