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

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

1 Select the correct way to set up this unit conversion problem

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

a $6\frac{ft}{s}\cdot 3\frac{ft}{yrd}$	**b** $6\frac{ft}{s}\cdot\frac{1}{3}\frac{yrd}{ft}$
c $6\frac{ft}{s}\cdot\frac{1}{60}\frac{min}{s}$	

2 Select the correct way to set up this unit conversion problem

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

a $4\frac{yrd}{s}\cdot 3\frac{ft}{yrd}$	**b** $4\frac{yrd}{s}\cdot\frac{1}{3}\frac{yrd}{ft}$
c $4\frac{yrd}{s}\cdot\frac{1}{60}\frac{min}{s}$	

3 Select the correct way to set up this unit conversion problem

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

a $5\frac{ft}{s}\cdot\frac{1}{3}\frac{yrd}{ft}$

b $5\frac{ft}{s}\cdot 3\frac{ft}{yrd}$

4 Select the correct way to set up this unit conversion problem

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

a $7\frac{s}{yrd}\cdot\frac{1}{60}\frac{min}{s}$	**b** $7\frac{s}{yrd}\cdot 3\frac{ft}{yrd}$
c $7\frac{s}{yrd}\cdot\frac{1}{3}\frac{yrd}{ft}$	

5 Select the correct way to set up this unit conversion problem

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

a $2\frac{yrd}{s}\cdot 3\frac{ft}{yrd}$	**b** $2\frac{yrd}{s}\cdot\frac{1}{3}\frac{yrd}{ft}$
c $2\frac{yrd}{s}\cdot\frac{1}{60}\frac{min}{s}$	

6 Select the correct way to set up this unit conversion problem

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

a $6\frac{s}{yrd}\cdot\frac{1}{3}\frac{yrd}{ft}$	**b** $6\frac{s}{yrd}\cdot\frac{1}{60}\frac{min}{s}$
c $6\frac{s}{yrd}\cdot 3\frac{ft}{yrd}$	

7 Select the correct way to set up this unit conversion problem

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

a $4\frac{s}{ft}\cdot 60\frac{s}{min}$	**b** $4\frac{s}{ft}\cdot 3\frac{ft}{yrd}$
c $4\frac{s}{ft}\cdot\frac{1}{3}\frac{yrd}{ft}$	