Math worksheet on *'Units - Conversion (1 Ratio) - Problem Setup to Answer (Level 2)'*. Part of a broader unit on *'Unit Conversion - Intro'*

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

1 Finish this unit rate conversion problem

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

a $\frac{5}{9}\frac{yrd}{s}$ **b** $\frac{15}{3}\frac{yrd}{s}$ **c** $\frac{9}{9}\frac{s}{s}$

d $\frac{9}{5}\frac{s}{s}$ **e** $\frac{11}{5}\frac{s}{s}$ **f** $\frac{5}{15}\frac{s}{s}$

2 Finish this unit rate conversion problem

$$\frac{3}{6}\frac{s}{ft} \cdot 3\frac{ft}{yrd}$$

a $\frac{18}{3}\frac{s}{ft}$ **b** $\frac{18}{8}\frac{s}{ft}$ **c** $\frac{6}{9}\frac{s}{ft}$

d $\frac{9}{6}\frac{s}{yrd}$ **e** $\frac{22}{3}\frac{ft}{ft}$ **f** $\frac{11}{9}\frac{s}{ft}$

3 Finish this unit rate conversion problem

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

a $\frac{5}{15}\frac{s}{s}$ **b** $\frac{11}{15}\frac{s}{s}$ **c** $\frac{12}{15}\frac{s}{s}$

d $\frac{5}{15}\frac{ft}{s}$ **e** $\frac{21}{5}\frac{s}{s}$ **f** $\frac{15}{5}\frac{ft}{s}$

4 Finish this unit rate conversion problem

$$\frac{8}{6}\frac{yrd}{s} \cdot 3\frac{ft}{yrd}$$

a $\frac{24}{6}\frac{ft}{s}$ **b** $\frac{9}{24}\frac{s}{s}$ **c** $\frac{11}{18}\frac{s}{s}$

d $\frac{31}{6}\frac{s}{s}$ **e** $\frac{6}{24}\frac{s}{s}$ **f** $\frac{18}{8}\frac{s}{s}$

5 Finish this unit rate conversion problem

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

a $\frac{5}{15}\frac{yrd}{s}$ **b** $\frac{15}{5}\frac{yrd}{s}$ **c** $\frac{10}{15}\frac{s}{s}$

d $\frac{19}{5}\frac{s}{s}$ **e** $\frac{15}{5}\frac{s}{s}$

6 Finish this unit rate conversion problem

$$\frac{2}{7}\frac{s}{ft} \cdot 3\frac{ft}{yrd}$$

a $\frac{6}{7}\frac{s}{yrd}$ **b** $\frac{7}{21}\frac{s}{ft}$ **c** $\frac{7}{6}\frac{s}{ft}$

d $\frac{7}{11}\frac{ft}{ft}$ **e** $\frac{7}{6}\frac{ft}{ft}$ **f** $\frac{2}{28}\frac{s}{ft}$

7 Finish this unit rate conversion problem

$$\frac{2}{8}\frac{yrd}{s} \cdot 3\frac{ft}{yrd}$$

a $\frac{6}{12}\frac{s}{s}$ **b** $\frac{2}{24}\frac{s}{s}$ **c** $\frac{6}{8}\frac{ft}{s}$

d $\frac{6}{15}\frac{s}{s}$ **e** $\frac{8}{6}\frac{s}{s}$ **f** $\frac{2}{31}\frac{s}{s}$