Math worksheet on *'Units - Conversion (2 Ratios) - Problem Setup to Answer (Level 1)'*. 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

$$4\frac{yrd}{s} \cdot 3\frac{ft}{yrd} \cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{180}{7}\frac{ft}{s}$	$\frac{1}{720}\frac{ft}{s}$	$\frac{4}{180}\frac{ft}{s}$	$\frac{1}{720}\frac{s}{s}$	$720\frac{ft}{min}$	$\frac{720}{5}\frac{ft}{s}$

2 Finish this unit rate conversion problem

$$7\frac{ft}{s} \cdot \frac{1}{3}\frac{yrd}{ft} \cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{60}{21}\frac{s}{s}$	$\frac{3}{420}\frac{s}{s}$	$\frac{424}{3}\frac{yrd}{s}$	$\frac{21}{60}\frac{s}{s}$	$\frac{420}{3}\frac{yrd}{min}$	$\frac{424}{3}\frac{s}{s}$

3 Finish this unit rate conversion problem

$$7\frac{yrd}{s} \cdot 3\frac{ft}{yrd} \cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{9}{180}\frac{s}{s}$	$\frac{1}{1260}\frac{s}{s}$	$1260\frac{ft}{min}$	$\frac{1260}{8}\frac{ft}{s}$	$\frac{7}{180}\frac{s}{s}$	$\frac{180}{10}\frac{s}{s}$

4 Finish this unit rate conversion problem

$$4\frac{min}{ft} \cdot 3\frac{ft}{yrd} \cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{180}{4}\frac{ft}{ft}$	$\frac{8}{180}\frac{ft}{ft}$	$\frac{4}{180}\frac{s}{ft}$	$720\frac{s}{yrd}$	$722\frac{ft}{ft}$	$\frac{4}{180}\frac{ft}{ft}$

5 Finish this unit rate conversion problem

$$8\frac{min}{ft} \cdot 3\frac{ft}{yrd} \cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{1}{1440}\frac{ft}{ft}$	$1440\frac{s}{yrd}$	$\frac{8}{180}\frac{ft}{ft}$	$\frac{1}{1442}\frac{ft}{ft}$	$1444\frac{ft}{ft}$	$\frac{180}{8}\frac{ft}{ft}$

6 Finish this unit rate conversion problem

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

a	b	c	d	e	f
$\frac{9}{67}\frac{s}{s}$	$\frac{62}{9}\frac{s}{s}$	$\frac{180}{3}\frac{yrd}{min}$	$\frac{14}{60}\frac{s}{s}$	$\frac{9}{60}\frac{s}{s}$	$\frac{3}{180}\frac{s}{s}$

7 Finish this unit rate conversion problem

$$6\frac{ft}{s} \cdot \frac{1}{3}\frac{yrd}{ft} \cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{360}{10}\frac{s}{s}$	$\frac{24}{60}\frac{yrd}{s}$	$\frac{360}{3}\frac{yrd}{min}$	$\frac{3}{360}\frac{s}{s}$	$\frac{18}{66}\frac{s}{s}$	$\frac{63}{18}\frac{s}{s}$