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

$$\frac{8}{5}\frac{ft}{s}\cdot\frac{1}{3}\frac{yrd}{ft}\cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{24}{300}\frac{s}{s}$	$\frac{302}{24}\frac{s}{s}$	$\frac{24}{302}\frac{s}{s}$	$\frac{15}{480}\frac{s}{s}$	$\frac{300}{24}\frac{s}{s}$	$\frac{480}{15}\frac{yrd}{min}$

2 Finish this unit rate conversion problem

$$\frac{6}{2}\frac{min}{ft}\cdot 3\frac{ft}{yrd}\cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{4}{1080}\frac{ft}{ft}$	$\frac{360}{6}\frac{s}{ft}$	$\frac{6}{360}\frac{ft}{ft}$	$\frac{2}{1080}\frac{ft}{ft}$	$\frac{1080}{2}\frac{s}{yrd}$	$\frac{360}{6}\frac{ft}{ft}$

3 Finish this unit rate conversion problem

$$\frac{7}{4}\frac{min}{yrd}\cdot\frac{1}{3}\frac{yrd}{ft}\cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{240}{21}\frac{yrd}{yrd}$	$\frac{240}{21}\frac{s}{yrd}$	$\frac{12}{420}\frac{yrd}{yrd}$	$\frac{24}{240}\frac{yrd}{yrd}$	$\frac{420}{12}\frac{s}{ft}$	$\frac{240}{26}\frac{yrd}{yrd}$

4 Finish this unit rate conversion problem

$$\frac{5}{8}\frac{min}{yrd}\cdot\frac{1}{3}\frac{yrd}{ft}\cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{480}{15}\frac{yrd}{yrd}$	$\frac{24}{302}\frac{yrd}{yrd}$	$\frac{30}{300}\frac{yrd}{yrd}$	$\frac{300}{24}\frac{s}{ft}$	$\frac{24}{300}\frac{yrd}{yrd}$	$\frac{20}{480}\frac{yrd}{yrd}$

5 Finish this unit rate conversion problem

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

a	b	c	d	e	f
$\frac{360}{14}\frac{s}{yrd}$	$\frac{9}{360}\frac{yrd}{yrd}$	$\frac{180}{18}\frac{yrd}{yrd}$	$\frac{25}{180}\frac{s}{yrd}$	$\frac{360}{9}\frac{s}{ft}$	$\frac{9}{363}\frac{yrd}{yrd}$

6 Finish this unit rate conversion problem

$$\frac{4}{2}\frac{yrd}{s}\cdot 3\frac{ft}{yrd}\cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{360}{4}\frac{s}{s}$	$\frac{2}{723}\frac{s}{s}$	$\frac{2}{720}\frac{s}{s}$	$\frac{720}{2}\frac{ft}{min}$	$\frac{7}{720}\frac{s}{s}$	$\frac{364}{4}\frac{s}{s}$

7 Finish this unit rate conversion problem

$$\frac{2}{7}\frac{min}{yrd}\cdot\frac{1}{3}\frac{yrd}{ft}\cdot 60\frac{s}{min}$$

a	b	c	d	e	f
$\frac{120}{21}\frac{s}{ft}$	$\frac{120}{26}\frac{s}{yrd}$	$\frac{21}{120}\frac{s}{yrd}$	$\frac{6}{423}\frac{yrd}{yrd}$	$\frac{420}{6}\frac{yrd}{yrd}$	$\frac{28}{120}\frac{s}{yrd}$