



Math worksheet on 'Units - Conversion (1 Ratio) - 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

| | | |
|---|---------------------|--------------------|
| a | b | c |
| $21 \frac{s}{s}$ | $7 \frac{yrd}{3 s}$ | $3 \frac{s}{7 s}$ |
| $7 \frac{ft}{s} \cdot \frac{1 yrd}{3 ft}$ | d | e |
| | $1 \frac{s}{21 s}$ | $21 \frac{s}{7 s}$ |

2 Finish this unit rate conversion problem

| | | |
|--|------------------------|------------------------|
| a | b | c |
| $11 \frac{yrd}{3 yrd}$ | $8 \frac{yrd}{7 yrd}$ | $3 \frac{yrd}{14 yrd}$ |
| $7 \frac{s}{yrd} \cdot \frac{1 yrd}{3 ft}$ | d | e |
| | $1 \frac{yrd}{21 yrd}$ | $7 \frac{s}{3 ft}$ |
| | | f |
| | | $3 \frac{yrd}{7 yrd}$ |

3 Finish this unit rate conversion problem

| | | |
|---|---------------------|---------------------|
| a | b | c |
| $6 \frac{ft}{9 ft}$ | $3 \frac{ft}{3 ft}$ | $9 \frac{s}{yrd}$ |
| $3 \frac{s}{ft} \cdot 3 \frac{ft}{yrd}$ | d | e |
| | $3 \frac{ft}{9 ft}$ | $10 \frac{s}{3 ft}$ |
| | | f |
| | | $1 \frac{ft}{9 ft}$ |

4 Finish this unit rate conversion problem

| | | |
|---|---------------------|---------------------|
| a | b | c |
| $3 \frac{s}{2 ft}$ | $3 \frac{ft}{6 ft}$ | $4 \frac{ft}{3 ft}$ |
| $2 \frac{s}{ft} \cdot 3 \frac{ft}{yrd}$ | d | e |
| | $7 \frac{ft}{3 ft}$ | $6 \frac{s}{yrd}$ |
| | | f |
| | | $9 \frac{ft}{ft}$ |

5 Finish this unit rate conversion problem

| | | |
|---|----------------------|----------------------|
| a | b | c |
| $8 \frac{ft}{3 ft}$ | $11 \frac{ft}{3 ft}$ | $8 \frac{ft}{8 ft}$ |
| $8 \frac{s}{ft} \cdot 3 \frac{ft}{yrd}$ | d | e |
| | $24 \frac{s}{yrd}$ | $8 \frac{ft}{24 ft}$ |
| | | f |
| | | $1 \frac{ft}{24 ft}$ |

6 Finish this unit rate conversion problem

| | | |
|--|-------------------|--------------------|
| a | b | c |
| $1 \frac{ft}{9 s}$ | $1 \frac{s}{9 s}$ | $3 \frac{s}{3 s}$ |
| $3 \frac{yrd}{s} \cdot 3 \frac{ft}{yrd}$ | d | e |
| | $9 \frac{ft}{s}$ | $9 \frac{ft}{5 s}$ |

7 Finish this unit rate conversion problem

| | | |
|--|-----------------------|-----------------------|
| a | b | c |
| $12 \frac{yrd}{3 yrd}$ | $7 \frac{yrd}{3 yrd}$ | $4 \frac{s}{3 ft}$ |
| $4 \frac{s}{yrd} \cdot \frac{1 yrd}{3 ft}$ | d | e |
| | $8 \frac{yrd}{4 yrd}$ | $3 \frac{yrd}{4 yrd}$ |