

Worksheet 7 - Unit Rate Conversions

Convert each of these to the given unit by using unit fractions.

1) $65 \text{ mph} = \underline{\hspace{2cm}} \text{ ft/sec}$

2) $120 \text{ ft/sec} = \underline{\hspace{2cm}} \text{ mph}$

3) $20 \text{ gal/min} = \underline{\hspace{2cm}} \text{ qts/sec}$

4) $45 \text{ ounces/sec} = \underline{\hspace{2cm}} \text{ gal/min}$

5) $15 \text{ mph} = \underline{\hspace{2cm}} \text{ ft/min}$

6) $27.5 \text{ ounces/min} = \underline{\hspace{2cm}} \text{ gal/hr}$

7) $12.8 \text{ yards/hour} = \underline{\hspace{2cm}} \text{ ft/sec}$

8) $5 \text{ yards/sec} = \underline{\hspace{2cm}} \text{ mph}$