

Lesson 3 Skills Practice

Convert Unit Rates

Complete. Round to the nearest tenth if necessary.

1. $660 \text{ ft/min} = \underline{\hspace{2cm}} \text{ ft/s}$
2. $25 \text{ mi/h} \approx \underline{\hspace{2cm}} \text{ ft/s}$
3. $32 \text{ gal/min} = \underline{\hspace{2cm}} \text{ qt/h}$
4. $425 \text{ ft/h} = \underline{\hspace{2cm}} \text{ in./min}$
5. $0.5 \text{ L/s} = \underline{\hspace{2cm}} \text{ mL/h}$
6. $60 \text{ ft/s} \approx \underline{\hspace{2cm}} \text{ mi/min}$
7. $3.4 \text{ mi/h} = \underline{\hspace{2cm}} \text{ ft/sec}$
8. $2.1 \text{ yd/min} = \underline{\hspace{2cm}} \text{ ft/s}$
9. $5.6 \text{ lb/gal} = \underline{\hspace{2cm}} \text{ oz/gal}$
10. $4 \text{ m/h} = \underline{\hspace{2cm}} \text{ cm/min}$
11. $42 \text{ cm/s} = \underline{\hspace{2cm}} \text{ m/min}$
12. $4,500 \text{ ft/h} = \underline{\hspace{2cm}} \text{ ft/s}$
13. $8 \text{ mi/h} = \underline{\hspace{2cm}} \text{ ft/min}$
14. $900 \text{ cm/h} = \underline{\hspace{2cm}} \text{ cm/min}$
15. **JOGGING** Jarin jogs at a rate of 7.5 miles per hour. How many miles per minute does Jarin jog?
16. **BUCKETS** Alonzo fills buckets at a rate of 6 gallons per minute. What is the rate in pints per hour?