

Lesson 7.1 Units of Length (inches, feet, yards, and miles)

12 inches = 1 foot (ft.)	→	6 feet = _____ inches
3 feet = 1 yard (yd.)		(6 feet \times 12 inches)
36 inches = 1 yard (yd.)	↘	6 \times 12 = 72
1,760 yards = 1 mile (mi.)		6 feet = <u>72</u> inches
5,280 feet = 1 mile (mi.)		72 feet = _____ yards

$\begin{array}{r} 24 \\ 3 \overline{)72} \\ \underline{6} \\ 12 \end{array}$	72 feet = <u>24</u> yards
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Complete the following.

- | a | b | c |
|--------------------------|-----------------------|-----------------------|
| 1. 5 yd. = _____ ft. | 8 ft. = _____ in. | 72 yd. = _____ ft. |
| 2. 48 in. = _____ ft. | 3 mi. = _____ yd. | 24 yd. = _____ in. |
| 3. 3,000 ft. = _____ yd. | 24 in. = _____ ft. | 2 mi. = _____ ft. |
| 4. 12 in. = _____ ft. | 26 yd. = _____ in. | 12 ft. = _____ yd. |
| 5. 360 in. = _____ yd. | 10 ft. = _____ in. | 720 yd. = _____ ft. |
| 6. 7 mi. = _____ yd. | 2,400 in. = _____ ft. | 324 ft. = _____ yd. |
| 7. 10 mi. = _____ ft. | 600 in. = _____ ft. | 6 ft. = _____ in. |
| 8. 132 in. = _____ ft. | 50 yd. = _____ in. | 36 in. = _____ ft. |
| 9. 72 ft. = _____ yd. | 36 in. = _____ yd. | 3,636 in. = _____ ft. |
| 10. 8 mi. = _____ yd. | 48 ft. = _____ yd. | 120 in. = _____ ft. |