

Customary Length

Customary Units of Length

$1 \text{ foot (ft)} = 12 \text{ inches (in.)}$

$1 \text{ mile (mi)} = 5,280 \text{ ft}$

$1 \text{ yard (yd)} = 36 \text{ in.}$

$1 \text{ mile (mi)} = 1,760 \text{ yd}$

$1 \text{ yard (yd)} = 3 \text{ ft}$

Multiply to change larger units to smaller units.

$9 \text{ yd} = \square \text{ ft}$

Yards are larger units than feet.

$1 \text{ yard} = 3 \text{ feet}$

So, multiply by 3.

$9 \times 3 = 27$

$9 \text{ yd} = 27 \text{ ft}$

Divide to change smaller units to larger units.

$37 \text{ ft} = \square \text{ yd } \square \text{ ft}$

Feet are smaller units than yards.

$3 \text{ feet} = 1 \text{ yard}$

So, divide by 3.

$37 \div 3 = 12 \text{ R}1$

$37 \text{ ft} = 12 \text{ yd } 1 \text{ ft}$

Complete.

1. $7 \text{ ft} = \square \text{ in.}$

$1 \text{ foot} = \underline{\hspace{2cm}} \text{ inches}$

So, multiply by $\underline{\hspace{2cm}}$.

$7 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$7 \text{ ft} = \underline{\hspace{2cm}} \text{ in.}$

2. $80 \text{ in.} = \square \text{ ft } \square \text{ in.}$

$\underline{\hspace{2cm}} \text{ inches} = 1 \text{ foot}$

So, divide by $\underline{\hspace{2cm}}$.

$80 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$80 \text{ in.} = \underline{\hspace{2cm}} \text{ ft } \underline{\hspace{2cm}} \text{ in.}$

3. $72 \text{ in.} = \underline{\hspace{1cm}} \text{ yd}$

4. $60 \text{ yd} = \underline{\hspace{1cm}} \text{ ft}$

5. $96 \text{ in.} = \underline{\hspace{1cm}} \text{ ft}$

6. $3 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

7. $10 \text{ ft} = \underline{\hspace{1cm}} \text{ in.}$

8. $60 \text{ in.} = \underline{\hspace{1cm}} \text{ ft}$

9. $52 \text{ in.} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ in.}$

10. $79 \text{ in.} = \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in.}$

11. $17 \text{ ft} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

12. $8 \text{ ft.} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

Choose an appropriate unit to measure the length of each. Write *in.*, *ft*, *yd*, or *mi*.

13. distance a football is thrown _____

14. length of a train ride _____

15. height of your school _____

16. width of your math book _____