

Feb 23/2018

Imperial

- is the British system of measurement

Name	Symbol(s)	Relationship
inches	in or "	N/A
feet	ft or '	12 in = 1 ft
yards	yd	3 ft = 1 yd
miles	mi	1760 yd = 1 mi

ex. ① $2 \text{ ft} = \underline{24} \text{ in}$
bigger to smaller
 $2 \times 12 = 24 \text{ in}$

③ $12 \text{ ft} = \underline{4} \text{ yd}$
smaller to bigger
 $12 \div 3 = 4 \text{ yd}$

② $36 \text{ in} = \underline{3} \text{ ft}$
smaller to bigger
 $36 \div 12 = 3 \text{ ft}$

④ $3 \text{ yd} = \underline{9} \text{ ft}$
bigger to smaller
 $3 \times 3 = 9 \text{ ft}$

⑤ $2 \text{ mi} = \underline{3520} \text{ yd}$
bigger to smaller
 $2 \times 1760 = 3520 \text{ yd}$

⑥ $10\,890\,390 \text{ yd} = \underline{6187.7} \text{ mi}$
smaller to bigger
 $\frac{10\,890\,390}{1760} = 6187.72 \text{ mi}$

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Assignment

- (A) $1 \text{ ft} = \underline{\quad} \text{ in}$
- (B) $10 \text{ ft} = \underline{\quad} \text{ in}$
- (C) $30 \text{ in} = \underline{\quad} \text{ ft}$
- (D) $42 \text{ in} = \underline{\quad} \text{ ft}$
- (E) $36 \text{ ft} = \underline{\quad} \text{ yd}$
- (F) $6 \text{ yd} = \underline{\quad} \text{ ft}$
- (G) $57 \text{ mi} = \underline{\quad} \text{ yd}$
- (H) $10,000 \text{ yd} = \underline{\quad} \text{ mi}$
- (I) How tall is Zander in inches if he is 3 feet tall?
- (J) If a snake is 24 feet long, how long is the snake in yards?