



Conversion of customary measurement units using decimals

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. 6.2 mi = _____ in 2. 9.4 lb = _____ oz

3. 82 gal = _____ c 4. 512 pt = _____ gal

5. 67 mi = _____ yd 6. 1,760 yd = _____ mi

7. 0.92 yd = _____ ft 8. 864 in = _____ ft

9. 4 qt = _____ gal 10. 288 in = _____ ft

11. 4.9 yd = _____ in 12. 144 in = _____ ft

13. 16 oz = _____ lb 14. 93 t = _____ lb

15. 1.4 mi = _____ yd 16. 208 c = _____ qt

17. 98 pt = _____ c 18. 0.60 qt = _____ pt



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Convert the given measures to new units.

1. $6.2 \text{ mi} = \underline{392,832.0 \text{ in}}$ in 2. $9.4 \text{ lb} = \underline{150.4 \text{ oz}}$ oz

3. $82 \text{ gal} = \underline{1,312 \text{ c}}$ c 4. $512 \text{ pt} = \underline{64 \text{ gal}}$ gal

5. $67 \text{ mi} = \underline{117,920 \text{ yd}}$ yd 6. $1,760 \text{ yd} = \underline{1 \text{ mi}}$ mi

7. $0.92 \text{ yd} = \underline{2.76 \text{ ft}}$ ft 8. $864 \text{ in} = \underline{72 \text{ ft}}$ ft

9. $4 \text{ qt} = \underline{1 \text{ gal}}$ gal 10. $288 \text{ in} = \underline{24 \text{ ft}}$ ft

11. $4.9 \text{ yd} = \underline{176.4 \text{ in}}$ in 12. $144 \text{ in} = \underline{12 \text{ ft}}$ ft

13. $16 \text{ oz} = \underline{1 \text{ lb}}$ lb 14. $93 \text{ t} = \underline{186,000 \text{ lb}}$ lb

15. $1.4 \text{ mi} = \underline{2,464.0 \text{ yd}}$ yd 16. $208 \text{ c} = \underline{52 \text{ qt}}$ qt

17. $98 \text{ pt} = \underline{196 \text{ c}}$ c 18. $0.60 \text{ qt} = \underline{1.20 \text{ pt}}$ pt