

Lesson 7 Skills Practice

Convert Between Systems

Complete. Round to the nearest hundredth if necessary.

1. $4 \text{ c} \approx \underline{946.36} \text{ mL}$

2. $2.7 \text{ lb} \approx \underline{1.22} \text{ kg}$

3. $9 \text{ ft} \approx \underline{2.7} \text{ m}$

4. $3 \text{ qt} \approx \underline{2,839.05} \text{ mL}$

5. $7 \text{ in.} \approx \underline{17.78} \text{ cm}$

6. $7 \text{ mi} \approx \underline{11.27} \text{ km}$

7. $16 \text{ yd} \approx \underline{14.56} \text{ m}$

8. $3 \text{ T} \approx \underline{2,721.6} \text{ kg}$

9. $453.6 \text{ g} \approx \underline{1} \text{ lb}$

10. $5.08 \text{ cm} \approx \underline{2} \text{ in.}$

11. $41 \text{ kg} \approx \underline{90.39} \text{ lb}$

12. $25 \text{ mi} \approx \underline{40.25} \text{ km}$

13. $28 \text{ qt} \approx \underline{26.50} \text{ L}$

14. $14 \text{ in.} \approx \underline{35.56} \text{ cm}$

15. $32 \text{ cm} \approx \underline{12.60} \text{ in.}$

16. $950 \text{ mL} \approx \underline{4.02} \text{ c}$

17. $6.5 \text{ gal} \approx \underline{24.64} \text{ L}$

18. $2.8 \text{ T} \approx \underline{2,540.16} \text{ kg}$

19. $500 \text{ mL} \approx \underline{1.06} \text{ pt}$

20. $65 \text{ in.} \approx \underline{1.65} \text{ m}$

21. **RACE** Sterling just completed the 100-meter dash at his track meet. About how many yards did he run? **109.89 yards**