

7th Grade  
Dec 1, 2020

Please get out your notes from yesterday to review.

Today we will:  
-review notes  
-work on WS to practice



HOMEWORK:

Complete WS from class

Study guide due THURSDAY in binder

ALEKS due next Monday night 11:59 pm

Test over lessons 1-4 and binder check THURSDAY



Complete each conversion. Round to the nearest hundredth. Must show conversion setup. Calculators OK.

1.  $10 \text{ cm} \approx \blacksquare \text{ in.}$

$$\frac{10 \text{ cm}}{1} \times \frac{1 \text{ in}}{2.54 \text{ cm}}$$

$$= 10 \div 2.54 \approx 3.94 \text{ in}$$

OR  $\frac{10 \text{ cm}}{1} \times \frac{0.394 \text{ in}}{1 \text{ cm}} = 3.94 \text{ in}$

$300 \text{ gal} \approx \blacksquare \text{ L}$

$$\frac{300 \text{ gal}}{1} \times \frac{3.785 \text{ L}}{1 \text{ gal}}$$

$$\approx 1135.5 \text{ L}$$

2.  $250 \text{ g} \approx \blacksquare \text{ oz}$

$$\frac{250 \text{ g}}{1} \times \frac{0.035 \text{ oz}}{1 \text{ g}} = 8.75 \text{ oz}$$

3.  $5.5 \text{ kg} \approx \blacksquare \text{ lb}$

$$\frac{5.5 \text{ kg}}{1} \times \frac{2.203 \text{ lb}}{1 \text{ kg}}$$

$$= 12.1165 \text{ lb}$$

$$\approx 12.12 \text{ lb}$$

4.  $145 \text{ km} \approx \blacksquare \text{ mi}$

$$\frac{145 \text{ km}}{1} \times \frac{0.621 \text{ mi}}{1 \text{ km}}$$

$$\approx 90.045 \text{ mi}$$

$$\approx 90.05 \text{ mi}$$

5.  $9.5 \text{ ft} \approx \blacksquare \text{ yd}$

$$\frac{9.5 \text{ ft}}{1} \times \frac{1 \text{ yd}}{3 \text{ ft}} = 3.1667 \text{ yd}$$

$$\approx 3.17 \text{ yd}$$

6.  $13 \text{ yd} \approx \blacksquare \text{ m}$

7.  $1095 \text{ mi} \approx \blacksquare \text{ km}$

$$\frac{13 \text{ yd}}{1} \times \frac{0.914 \text{ m}}{1 \text{ yd}} = 11.88 \text{ m}$$

$$\frac{1095 \text{ mi}}{1} \times \frac{1.609 \text{ km}}{1 \text{ mi}}$$

$$\approx 1761.86 \text{ km}$$





## Lesson 4 (Part 1) Skills Practice

### *Converting Units*

Complete each conversion. Round to the nearest hundredth. **\*\*Calculators OK\*\***

1.  $5 \text{ m} \approx \blacksquare \text{ yd}$

2.  $1500 \text{ mi} \approx \blacksquare \text{ km}$

3.  $20 \text{ L} \approx \blacksquare \text{ gal}$

4.  $70 \text{ kg} \approx \blacksquare \text{ lb}$

5.  $42 \text{ in.} \approx \blacksquare \text{ cm}$

6.  $38 \text{ ft} \approx \blacksquare \text{ m}$

7.  $2000 \text{ g} \approx \blacksquare \text{ oz}$

8.  $55 \text{ fl. oz} \approx \blacksquare \text{ mL}$

9.  $18 \text{ qt} \approx \blacksquare \text{ L}$

10.  $1200 \text{ km} \approx \blacksquare \text{ ft}$