

Day 13 - Warm-Ups p.50-51 (1 - 6, 16 - 28 even)

Write *true* or *false* for each statement. **false**

1. You use grams to measure distances.
2. The customary unit of measure for distances smaller than 1 ft is the inch. **F**
3. A ruler can be used to measure the mass of an object. **false**
4. "Milli" is a prefix meaning 100. **False**
5. Kilometers are larger than meters. **True**
6. The metric system is based on powers of ten.

false

Perform each operation. Write answers in simplest form.

16. $5\frac{1}{4} + 2\frac{5}{6} = \frac{63}{12} + \frac{34}{12}$ 18. $12\frac{7}{16} - 5\frac{3}{8} = 12\frac{7}{16} - 5\frac{6}{16}$

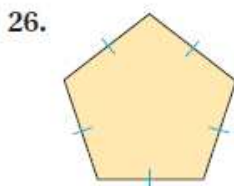
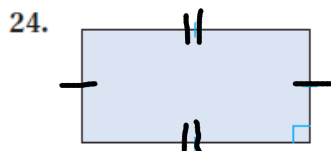
$3\frac{21}{4} + \frac{17}{2} = \frac{97}{2}$ $12\frac{7}{16} - 5\frac{6}{16} = 7\frac{1}{16}$

20. $2\frac{1}{3} \cdot 6\frac{1}{2}$

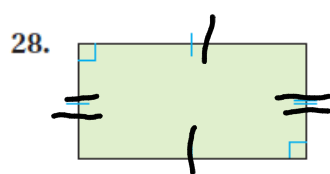
$\frac{7}{3} \cdot \frac{13}{2} = \frac{91}{6}$

22. $4\frac{2}{3} \cdot \frac{1}{8}$

$7\frac{14}{3} \cdot \frac{1}{4} = \frac{7}{12}$



Pentagon



rectangle
parallelogram

RETEACHING 2-2

WORK WITH MEASUREMENTS 😊

When adding or multiplying measurements, you may need to change the units of the sum or the product.

1 week = 7 days

1 day = 24 hours

1 hour = 60 minutes

1 minute = 60 seconds

week = wk

hour = hr or h

minutes = min

seconds = sec

$$1 \text{ yd} = 36 \text{ in}$$

1 mile = 5,280 feet

1 yard = 3 feet

1 foot = 12 inches

mile = mi

yard = yd

foot = ft

$$1 \text{ mile} = 1760 \text{ yd}$$

1 gallon = 4 quarts

1 quart = 2 pints

1 pint = 2 cups

1 cup = 8 ounces

gallon = gal

quart = qt

pint = pt

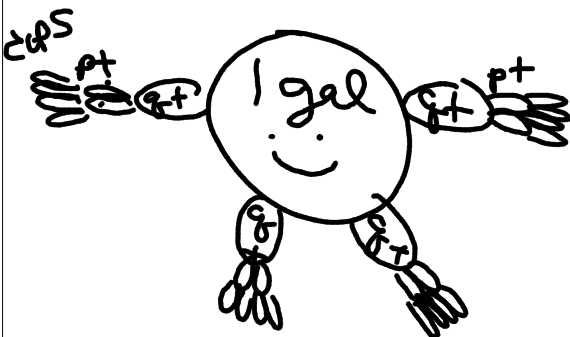
ounce = oz

16 ounces = 1 pound

pound = lb

ounce = oz

Fluid Fl. oz



Ch 2 Notetaking Packet: p.2

Up convert these values.

$$1 \text{ lb} = 16 \text{ oz}$$

$$\begin{array}{r} 1. \quad 3 \text{ lb } \underline{20 \text{ oz}} \\ + 1 \text{ lb } - \underline{16 \text{ oz}} \\ \hline 4 \text{ lb } \quad 4 \text{ oz} \end{array}$$

$$1 \text{ cup} = 8 \text{ fl. oz}$$

$$\begin{array}{r} 2. \quad 2 \text{ cup } 12 \text{ oz} \\ + 1 \quad - 8 \\ \hline 3 \text{ cup } \quad 4 \text{ oz} \end{array}$$

3. 3 wk 9 days 30 hr
 +1 day -24 HR
 +3WK 10 days 6 HR
 +1WK -7 days

 4WK 3 days 6 HR

4. 1 pt 1 cup 16 oz
 +2 cup -8

 8
 +1 pt 3 cup -8
 -2 cup

~~0 oz~~
 2 pt 1 cup

1 cup = 8 oz
 1 pt = 2 c

5. 2 hr 84 min 62 sec
 +1 hr +1 -60
 85
 -60
 3 hr 25 min 2 sec

1 qt = 2 pt

1 gal = 4 qt

6. 1 gal 6 qt 3 pt
 +1 +1 -2 pt
 7 qt 1 pt
 -4
 7 qt 1 pt

2 gal 3 qt 1 pt

$$\begin{array}{r}
 7. \quad 3 \text{ yd} \quad 10 \text{ ft} \quad 18 \text{ in} \\
 \quad \quad + 1 \text{ ft} - 12 \text{ in} \\
 \quad \quad 3 \text{ yd} \quad 11 \text{ ft} \quad 6 \text{ in} \\
 \quad \quad + 3 \quad \quad - 9 \\
 \hline
 \quad \quad \underline{6 \text{ yd} \quad 2 \text{ ft} \quad 6 \text{ in}}
 \end{array}$$

$$\begin{array}{l}
 1 \text{ ft} = 12 \text{ in} \\
 1 \text{ yd} = 3 \text{ ft} \\
 \underline{3 \text{ yd}} = \underline{9 \text{ ft}}
 \end{array}$$

$$\begin{array}{r}
 8. \quad 2 \text{ wk} \quad 8 \text{ days} \quad 36 \text{ hr} \\
 \quad \quad + 1 \text{ wk} \quad + 1 \quad \quad - 24 \\
 \quad \quad \quad \quad 9 \text{ days} \quad 12 \text{ hr} \\
 \quad \quad \quad \quad \underline{- 7 \text{ days}} \\
 \quad \quad \quad \quad 2 \text{ wk} \quad 2 \text{ days} \quad 12 \text{ hr}
 \end{array}$$

9. 2 ft 18 in

+1 ft -12 in

3 ft 6 in

10. 1 lb 33 oz

+2 lb -32 oz

3 lb 1 oz

1 lb = 16 oz

$16 \overline{) 33}^2$

2 lb = 32 oz

11. 23 hr 62 min 94 sec

$\begin{array}{r} +1 \text{ hr} \\ 24 \text{ hr} \\ \hline \end{array}$ $\begin{array}{r} +1 \\ 63 \\ -60 \\ \hline \end{array}$ $\begin{array}{r} -60 \\ 34 \text{ sec} \\ \hline \end{array}$
1 day 3 min 34 sec

$\begin{array}{r} 55 \\ -24 \\ \hline 31 \\ -24 \\ \hline \end{array}$

12. 3 days 54 hr 75 min

$\begin{array}{r} +2 \\ 55 \text{ hr} \\ \hline \end{array}$ $\begin{array}{r} +1 \\ 76 \\ -60 \\ \hline \end{array}$ $\begin{array}{r} -60 \\ 15 \text{ min} \\ \hline \end{array}$
5 days 7 hr 15 min

GOOD JOB!

Now, move to page # 3 in note taking packet.

1. $32 \text{ fl oz} = \underline{4} \text{ c}$

$1 \text{ cup} = 8 \text{ fl oz}$

4. $6 \text{ yd} = \underline{18} \text{ ft}$

$1 \text{ yd} = 3 \text{ ft}$

bigger to smaller (multiply)

7. $72 \text{ in.} = \underline{2} \text{ yd}$

$1 \text{ yd} = 36 \text{ in}$

$$2. \ 18 \text{ in.} = \underline{1.5} \text{ ft}$$

Smaller \rightarrow bigger (\div) $18 \div 12$

$$5. \ 3 \text{ T} = \underline{3(2000) = 6000} \text{ lb}$$

bigger \rightarrow smaller

$$1 \text{ Ton} = 2000 \text{ lb}$$

$$T = \text{Ton}$$

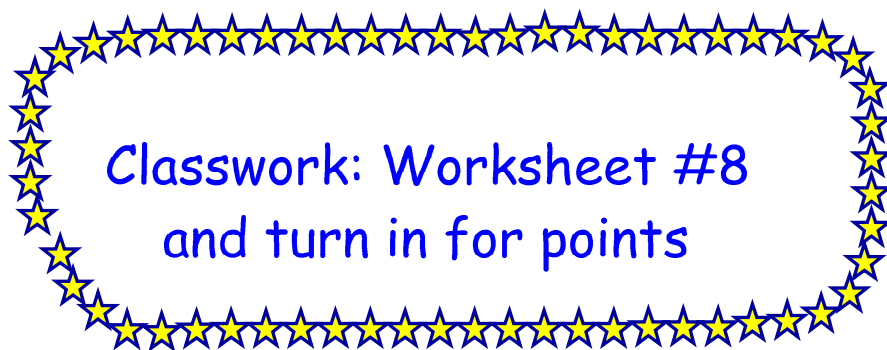
$$6. 90 \text{ in.} = \underline{\hspace{2cm}} \text{ ft } \underline{\hspace{2cm}} \text{ in.}$$

$$11. \quad 9 \text{ qt} = \underline{\hspace{2cm}} \text{ gal} \underline{\hspace{2cm}} \text{ qt}$$

12. 2 gal = _____ qt

15. 40 ft = _____ yd _____ ft

18. 6 qt = _____ pt



Classwork: Worksheet #8
and turn in for points