

Take out your Unit 2 Study Guide, work paper, and start correcting. Identify problems you would like me to work out.

While working through Unit 2 study guide, do not worry about 13, 14, 15, 17-20, 22b.

- 1. D
- 2. A
- 3. C
- 4. D
- 5. C
- 6. A
- 7. C
- 8. A
- 9. C
- 10. B
- 11. C
- 12. $-\frac{5}{6}$
- 13. $6\frac{9}{16}$ fl oz, or 6.5625 fl oz
- 14. Use 45. $\frac{25}{45} - \frac{6}{45} = \frac{19}{45}$
- 15. multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40, 45
 multiples of 8: 8, 16, 24, 32, 40, 48
 least common multiple: $40 \cdot \frac{120}{160} = 3$
- 16. 91.08 lb
- 17. 80; \$0.45
- 18. $6\frac{1}{4}$ lb
- 19. \$4.25
- 20. Find the reciprocal of the divisor. Then multiply.
- 21. $76 + (-12) + (-7) = 57$; \$57
- 22. a. 38

Oct 16-7:33 AM

Shape Operate Simplify	+ -	X	÷
S	-Common denominator (LCD) (LCM)	-NO mixed #s -Improper or proper fractions	-NO mixed #s -Improper or proper fractions
O	Add or Subtract	-Cross Cancel if possible -Multiply across	<u>KCF</u> -Cross cancel if possible -Multiply across
S	-Reduce -Write as a mixed #	-Reduce -Write as mixed #	-Reduce -Write as mixed #

Oct 16-7:35 AM

② $A = L \cdot W$

$36 \frac{1}{4} = 8 \frac{3}{4} \cdot W$

$36 \frac{1}{4} \div 8 \frac{3}{4}$

Shape

operate

$\frac{145}{5} \div \frac{35}{5}$

$29 \frac{145}{5} \div \frac{35}{5}$

$\frac{29}{1} = \frac{41}{1}$

$4 \frac{1}{1}$

⑤

$1 \frac{7}{8} \div \frac{1}{12}$

$\frac{15}{8} \div \frac{1}{12}$ shape

K C C

operate

$2 \frac{15}{8} \cdot \frac{312}{1}$

$\frac{45}{2} = 22 \frac{1}{2}$

22 Full Bags

Oct 16-7:37 AM

Operations with Integers

Add & Subtract

Same Signs	Different Signs
Add & Keep the sign	Subtract keep the sign of the bigger number

Multiply & Divide

Same Signs (+)

(+)(+) = 20 (-)(-) = 20

Diff Signs (-)

(+)(-) = -20 (-)(+) = -20

Subtract K C C

$5^x + 3^c = 2$

$-5^x + 3^c = -8$

Oct 16-7:36 AM

⑧ Wrote (-) Deposit (+)

$$-20.53 + (-13.48) + (-19.40) + 65.40$$

$$\begin{array}{r} 20.53 \\ + 13.48 \\ \hline 34.01 \\ + 19.40 \\ \hline 53.41 \end{array}$$

\$ -53.41 + 65.40

$$\begin{array}{r} 65.40 \\ - 53.41 \\ \hline 11.99 \end{array}$$

\$11.99

①a Fell (-)

+17°
+7°

$\frac{-10}{12} = \frac{-5}{6}$ **Temp per hr**
0.83

② COST Bought

$$76 + (-12) + (-7)$$

OR

$$76 - 12 - 7$$

\$57

Oct 16-8:08 AM

①

$$\begin{array}{r} 86 \overline{) 3689} \\ \underline{860} \\ 1849 \\ \underline{1720} \\ 1290 \\ \underline{1288} \\ 20 \end{array}$$

\$4.29

⑥ 0.4 of the weight

$$0.4 \times 3.8$$

$$\begin{array}{r} 3.8 \\ \times 0.4 \\ \hline 152 \end{array}$$

⑦ A = 2w

$$\begin{array}{r} 12.75 \\ \times 21.4 \\ \hline 5100 \\ 25500 \\ \hline 272850 \end{array}$$

Oct 16-8:08 AM



Oct 16-8:37 AM