

NAME: _____

Directions:

Please complete the following problems and *show your work*. - You have 90 minutes to complete your work, and you may use a calculator. You must show your work and have all the proper labels in order to receive full credit. *All fractions must be reduced and proper unless the directions request otherwise.*

Addition:

1) $14 + 15 + 432 + 10$

1) _____

2) $123.45 + 95.3 + 1.212$

2) _____

Subtraction:

3) $88 - 17$

3) _____

4) $\$9,430.29 - \$2,597.73$

4) _____

Multiplication:

5) $2,017 \times 201$

5) _____

6) 35.34×3.8

6) _____

Division: (round to the nearest penny or hundredth for dollar amounts)

7) $\$651 \div 31$

7) _____

8) $6.75 \div 0.15$

8) _____

Raise the following fractions:

$$9) \frac{2}{3} = \frac{\quad}{18}$$

$$10) \frac{5}{7} = \frac{\quad}{35}$$

Reduce the following fractions: (All fractions must be reduced and proper.)

$$11) \frac{6}{18} =$$

$$12) \frac{14}{28} =$$

Add the following fractions: (All fractions must be reduced and proper.)

$$13) \frac{5}{6} + \frac{1}{4} =$$

$$14) 6\frac{1}{5} + 2\frac{2}{5} =$$

Subtract the following fractions: (All fractions must be reduced and proper.)

$$15) \frac{3}{4} - \frac{1}{4} =$$

$$16) 4\frac{11}{24} - 1\frac{1}{8} =$$

Multiply the following fractions: (All fractions must be reduced and proper.)

$$17) 2\frac{1}{3} \times \frac{5}{7} =$$

Divide the following fractions: (All fractions must be reduced and proper.)

$$18) 4\frac{1}{2} \div 2\frac{3}{12} =$$

Converting

Directions: Fill in the missing blanks by converting decimals, fractions, and percentages. *All fractions must be proper fractions and reduced in order to get full credit.*

<u>Percents</u>		<u>Decimals</u>		<u>Fractions</u>
35%	→	19. _____	→	20. _____
21. _____	→	22. _____	→	$\frac{2}{5}$
23. _____	→	0.14	→	24. _____

Word Problems

25. Jenny bought 3 t-shirts, one for each of her three brothers, for \$12.30 each. The cashier charged her an additional \$2.05 in sales tax. She left the store with a measly \$24.08. How much money did Jenny start with?

25. _____

You're almost done! Check your work, make sure you put the proper labels, make sure decimals and commas are in the right place, and do not leave any answers blank!!