Name: Date: $\qquad$ Period: $\qquad$
WS "Operations of Decimals" \#1


|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 21) |  | 0.25 |  |  |
| 22) | $2 \frac{3}{4}$ |  |  |  |
| 23) |  | 0.8 |  |  |
| 24) | $\frac{1}{3}$ |  |  |  |
| 25) |  |  |  |  |
| 26) | $\frac{7}{8}$ |  |  |  |

Name: Date: $\qquad$ WS "Operations of Decimals" \#2

| 1) $.9+.5+.7$ | 2) | 3) $8596+.2074$ | 4) $36.524+18+3.6524$ |
| :---: | :---: | :---: | :---: |
| 5) 20.02-4.004 | 6) $2-.6357$ | 7) $60.94-4.897$ | 8) $4-1.6905$ |
| 9) $.4 \times .4 \times .4$ | 10) $.2 \times .2 \times .02$ | 11) $.063 \times 7.45$ | 12) $000.9 \times 9.000$ |
| 13) | 14) | 15) | 16) $2 \div 0.04$ |
| .85 $\longdiv { 2 . 6 6 0 5 }$ | $9 2 \longdiv { 3 . 0 3 6 }$ | $1 2 8 \longdiv { 4 6 . 2 0 8 }$ |  |
| 17) | 18) | 19) | 20) $0.04 \div 2$ |
| $2 . 1 2 \longdiv { 1 3 . 1 4 4 }$ | $4 6 \longdiv { 2 0 . 6 0 8 }$ | $. 7 5 \longdiv { . 0 0 2 2 5 }$ |  |


|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 21) |  | 0.625 |  |  |
| 22) | $6 \frac{1}{2}$ |  |  |  |
| 23) |  | 0.12 |  |  |
| 24) | $\frac{2}{3}$ |  |  |  |
| 25) |  |  |  |  |
| 26$)$ | $\frac{1}{8}$ |  |  |  |

Name:
Date:
Period: $\qquad$

## WS "Stilwell Practice 7-2" \#1

| 1) $N$ is $50 \%$ of 86 | 2) $10 \%$ of 320 is $M$ | 3) $75 \%$ of 96 is $H$ | 4) $R$ is $33 \frac{1}{3} \%$ of 12 | 5) $T$ is $41 \%$ of 90 |
| :--- | :--- | :--- | :--- | :--- |
| 6) 28 is $M \%$ of 50 | 7) 27 is $R \%$ of 60 | 8) $K \%$ of 24 is 18 | 9) 8 is $N \%$ of 64 | 10) 12 is $X \%$ of 96 |
| 11) $20 \%$ of $A$ is 18 | 12) 54 is $36 \%$ of $X$ | 13) 84 is $75 \%$ of $T$ | 14) 12 is $66 \frac{2}{3} \%$ of $N$ | 15) 9 is $37.5 \%$ of $R$ |
| 16) $X$ is $25 \%$ of 96 | 17) 32 is $N \%$ of 80 | 18) 21 is $15 \%$ of $T$ | 19) $Y$ is $99 \%$ of 80 | 20) 7 is $R \%$ of 21 |


|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 21) | $\frac{1}{4}$ |  |  |  |
| 22) |  | 0.9375 |  |  |
| 23) |  |  | 64\% |  |
| 24) | $\frac{7}{12}$ |  |  |  |
| 25) |  |  | $6 \frac{1}{4} \%$ |  |
| 26) |  |  | $4 \frac{1}{6} \%$ |  |
| 27) | $\frac{7}{8}$ |  |  |  |
| 28) |  | 1.7 |  |  |

Name: Date: Period: $\qquad$
WS "Stilwell Practice 7-2" \#2

| 1) $N$ is $75 \%$ of 84 | 2) $R$ is $33 \frac{1}{3} \%$ of 87 | 3) $X$ is $37.5 \%$ of 88 | 4) $85 \%$ of 120 is $Y$ | 5) $8 \frac{1}{3} \%$ of 36 is $W$ |
| :--- | :--- | :--- | :--- | :--- |
| 6) 19 is $N \%$ of 38 | 7 ) 14 is $R \%$ of 21 | $8) X \%$ of 80 is 34 | 9) $\% \%$ of 75 is 39 | $10) 12$ is $W \%$ of 72 |
| 11) 13.5 is $50 \%$ of $N$ | 12) 7 is $16 \frac{2}{3} \%$ of $R$ | 13) $12.5 \%$ of $X$ is 9 | 14) 69 is $46 \%$ of $Y$ | 15) $41 \frac{2}{3} \%$ of $W$ is 15 |
| 16) $N$ is $11 \frac{1}{9} \%$ of 72 | 17) 5 is $R \%$ of 7 | 18) 3 is $7 \frac{1}{7} \%$ of $X$ | 19) $y \%$ of 50 is 26 | 20) $N$ is $100 \%$ of $\frac{5}{13}$ |


|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 21) |  | 0.25 |  |  |
| 22) |  |  | $66 \frac{2}{3} \%$ |  |
| 23) | $\frac{3}{8}$ |  |  |  |
| 24) |  | 0.6 |  |  |
| 25) |  |  | 2.5\% |  |
| 26) | $\frac{1}{12}$ |  |  |  |
| 27) |  | 0.95 |  |  |
| 28) | $2 \frac{1}{5}$ |  |  |  |
| 29) |  |  | 100\% |  |

Name: Date: $\qquad$ Period: $\qquad$

## WS "Stilwell Practice 7-2" \#3

| 1) $R$ is $9.6 \%$ of 50 | 2) 47 is $50 \%$ of $T$ | 3) 29 is $X \%$ of 116 | 4) 196 is $56 \%$ of $N$ | 5) 17 is $B \%$ of 51 |
| :--- | :--- | :--- | :--- | :--- |
| 6) $K$ is $6 \frac{1}{4} \%$ of 176 | 7) 80 is $66 \frac{2}{3} \%$ of $Y$ | 8) 13.5 is $A \%$ of 27 | 9) $R$ is $4.3 \%$ of 4.3 | 10) 31 is $33 \frac{1}{3} \%$ of $S$ |
| 11) 4.913 is $N \%$ of 4.913 | 12) $X \%$ of 42 is 7 | 13) $100 \%$ of $N$ is 5.082 | 14) $T$ is $75 \%$ of $\frac{2}{3}$ | 15) $\frac{1}{2}$ is $Y \%$ of $\frac{1}{4}$ |
| 16) What is $12.5 \%$ of 64 ? | 17) 17 is what of 34 ? | 18) 12 is what\% of $18 ?$ | 19) 26 is $40 \%$ of what? | 20) 45 is $37 \frac{1}{2} \%$ of what? |


|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 21) | $\frac{1}{2}$ |  |  |  |
| 22) |  |  | 220\% |  |
| 23) |  | 0.004 |  |  |
| 24) | $\frac{5}{8}$ |  |  |  |
| 25) |  |  | 6\% |  |
| 26) |  |  | $16 \frac{2}{3} \%$ |  |
| 27) | $\frac{5}{6}$ |  |  |  |
| 28) |  | 0.025 |  |  |
| 29) | $\frac{2}{3}$ |  |  |  |
| 30) |  | 0.8 |  |  |

$\qquad$
$\qquad$

## 7-6

## Study Guide and Intervention

Percent of Change

> A percent of change is a ratio that compares the change in quantity to the original amount. If the original quantity is increased, it is a percent of increase. If the original quantity is decreased, it is a percent of decrease.

Hxance Last year, 2,376 people attended the rodeo. This year, attendance was 2,950 . What was the percent of change in attendance to the nearest whole percent?

Since this year's attendance is greater than last year's attendance, this is a percent of increase.
The amount of increase is $2,950-2,376$ or 574 .

$$
\begin{array}{rlrl}
\text { percent of increase } & =\frac{\text { amount of increase }}{\text { original amount }} \longleftarrow & \begin{array}{l}
\text { new amount }- \\
\text { original amount }
\end{array} \\
& =\frac{574}{2,376} & \text { Substitution } \\
& \approx 0.24 \text { or } 24 \% & & \text { Simplify. }
\end{array}
$$

Rodeo attendance increased by about $24 \%$.
Exfiiple 2. John's grade on the first math exam was 94. His grade on the second math exam was 86 . What was the percent of change in John's grade to the nearest whole percent?

Since the second grade is less than the first grade, this is a percent of decrease. The amount of decrease is $94-86$ or 8 .
percent of decrease $=\frac{\text { amount of decrease }}{\text { original amount }} \longleftarrow \longleftarrow \begin{aligned} & \text { original amount }- \\ & \text { new amount }\end{aligned}$

$$
\begin{array}{ll}
=\frac{8}{94} & \text { Substitution } \\
\approx 0.09 \text { or } 9 \% & \text { Simplify. }
\end{array}
$$

John's math grade decreased by about $9 \%$.

## Exerases

Find each percent of change.
State whether the percent of change is an increase or
decrease.

1. original: 4 new: 5
2. original: 1.0
new: 1.3
3. original: 15
new: 12
4. original: \$30 new: \$18
5. original: 60
new: 63
6. original: 160
new: 136
7. original: 7.5
new: 10.5
8. original: 9.6 new: 6
$\qquad$
$\qquad$

## 7-6

## Skills Practice

## Percent of Change

Find each percent of change.
State whether the percent of change is an increase or decrease.

1. original: 35
new: 70
2. original: 8
new: 12
3. original: 45
new: 30
4. original: $\$ 400$
new: $\$ 450$
5. original: $\$ 75$
new: \$60
6. original: 35
new: 28
7. original: 45
new: 63
8. original: 84
new: 112
9. original: 1.5
new: 2.5
10. original: 144 new: 108
11. original: 20.8 new: 13
12. original: 120
new: 132
13. original: $\$ 80$
new: $\$ 100$
14. original: 96 new: 72
15. original: $\$ 12.50$
new: \$15
16. original: $\$ 400$ new: $\$ 350$
17. original: 80
new: 52
18. original: $\$ 210$
new: \$105
19. original: 6.8
new: 8.2
20. original: \$80
new: $\$ 110$
21. original: $\$ 88$
new: \$!21
ne
22. original: $\$ 75$
new: \$15
23. original: 250
new: 100

Name: $\qquad$
$\qquad$
$\qquad$

## WS "Stilwell Study Guide 7-7"

Use the information to fill in the chart. Write a proportion and solve.

1) There are 500 students at a school. $55 \%$ are girls. How many are girls?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


2) There are 30 students in a class. 18 are boys. What percent are boys?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


3) There are 120 problems on a test. How many do you need for $95 \%$ correct?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

4) The Tiger Football team won 10 games and lost 5 games. What percent are wins?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


5) Lolo bakes 38 snickerdoodles for her Olympic team.

19 cookies were burnt. What percent of the cookies were edible?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

6) The basketball player was shooting free throws.

He made 68 and missed12. Find the percent made.

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


7) There are 120 problems on a test. You missed 45 problems.

What percent of the problems did you get correct?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


8) In the $7^{\text {th }}$ grade, you played 125 four-square games. You were King $12 \%$ of the time. How many times were you King?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


9) The photographer took a plethora of pictures for the Stilwell Mimes show. 12 were fuzzy and 84 were great. What percent were fuzzy?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


10) There are 90 problems on a test. You get 60 problems correct. Find the percent missed.

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

Name: $\qquad$
$\qquad$

## WS "Stilwell Skills Practice 7-7"

Use the information to fill in the chart. Write a proportion and solve.

1) Regular Price is $\$ 10 \quad$ Sale Price is $\$ 7$
Find the amount of discount.

| Find the percent of discount. |  |
| :---: | :---: |
| Sale Price |  |
| Discount |  |
| Regular Price |  |

3) Regular Price is $\$ 24$ Reduced by $\$ 8$

Find the sale price.

Find the percent of discount.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

5) Sales Tax is $3 \%$ The cost is $\$ 17$

Find the tax. $\qquad$

Find the total amount. $\qquad$
2) Regular Price is $\$ 36 \quad$ Sale Price is $\$ 24$

Find the amount of discount. $\qquad$

Find the percent of discount.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

4) Regular Price is $\$ 128$ Reduced by $\$ 32$

Find the sale price. $\qquad$

Find the percent of discount.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |


6) Sales $\operatorname{Tax}$ is $5 \% \quad$ The price is $\$ 60$

Find the tax. $\qquad$

Find the total amount. $\qquad$
7) Reduced by $75 \%$ Sale Price is $\$ 40$

Find the regular price. $\qquad$

Find the discount.

| Sale Price |  |
| :---: | :---: |
| Discount |  |
| Regular Price |  |

9) Sale Price is $\$ 170$ Save $15 \%$

Find the regular price. $\qquad$

Find the discount.

| Sale Price |  |
| :---: | :---: |
| Discount |  |
| Regular Price |  |

$\square=\square$
11) Sales Tax is $3 \%$ The cost is $\$ 92$

Find the tax. $\qquad$

Find the total amount. $\qquad$
8) Save $40 \%$ Discount is \$80

Find the regular price. $\qquad$

Find the sale price.

| Sale Price |  |
| :---: | :---: |
| Discount |  |
| Regular Price |  |

$\qquad$
10) Discount is $33 \frac{1}{3} \% \quad$ Now pay $\$ 24$

Find the regular price. $\qquad$

Find the discount.

| Sale Price |  |
| :---: | :---: |
| Discount |  |
| Regular Price |  |

$-=-$
12) Sales Tax is $6 \%$ The price is $\$ 8$

Find the tax. $\qquad$

Find the total amount. $\qquad$

Name: $\qquad$ Date: $\qquad$
$\qquad$

## WS "Stilwell Practice 7-7"

Use the information to fill in the chart. Write a proportion and solve.

1) A shirt is regularly $\$ 35$. Discount is $40 \%$.

Find the amount of discount. $\qquad$

Find the sale price.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

$\qquad$
3) After taking a math test, you got 56 correct and 14 wrong.

Find the percent correct.

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

5) A shirt is $\$ 21$ Sales tax is $3 \%$

Find the tax. $\qquad$

Find the total amount. $\qquad$
2) Sale Price is $\$ 35$. Discounted $30 \%$.

Find the "sale price" percent. $\qquad$
Find the regular price.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

4) In a class, there are 11 boys and 14 girls.

Find the percent of boys.

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |


6) Sales Tax is $6 \% \quad$ The price is $\$ 75$

Find the tax. $\qquad$

Find the total amount. $\qquad$
7) A cell phone is $\$ 80$. Sale price is $\$ 52$.

Find the percent of the discount.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

$\qquad$
9) Regular price for shoes is $\$ 70$.

Discount is $40 \%$.
How much money do you save?

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

11) Sales Tax is $6 \% \quad$ The price is $\$ 79$

Find the tax. $\qquad$

Find the total amount. $\qquad$
8) There are 175 students at a school. $56 \%$ are girls.

How many students are girls?

|  |  | $\%$ |
| :---: | :---: | :---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

10) Regular price for a textbook is $\$ 60$. There is a $25 \%$ discount.
Sales tax is $6 \%$.
Find the final cost.

| Sale Price |  | $\%$ |
| :---: | :---: | :---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

12) You earned $\$ 96$ babysitting.

You spend $25 \%$ at the movie theatre. Then, you spend 25\% of what was left on a new shirt.

How much money is left? $\qquad$
$\qquad$ DATE $\qquad$ PERIOD $\qquad$

## 78. Skills Practice

Simple interest: Calculator ok, but show: formula
Find the interest earned to the nearest cent for each principal, interest rate, and time.

1. $\$ 500,4 \%, 2$ years
2. $\$ 350,6.2 \%, 3$ years
3. $\$ 740,3.25 \%, 2$ years
4. $\$ 725,4.3 \%, 2 \frac{1}{2}$ years
5. $\$ 955,6.75 \%, 3 \frac{1}{4}$ years
6. $\$ 1,540,8.25 \%, 2$ years
7. $\$ 3,500,4.2 \%, 1 \frac{3}{4}$ years
8. $\$ 568,16 \%, 8$ months interest rate, and time.
9. $\$ 800,9 \%, 4$ years
10. $\$ 280,5.5 \%, 4$ years
11. $\$ 1,150,7.6 \%, 5$ years
12. $\$ 266,5.2 \%, 3$ years
13. $\$ 450,22 \%, 1$ year
14. $\$ 2,180,7.7 \%, 2 \frac{1}{2}$ years
15. $\$ 2,650,3.65 \%, 4 \frac{1}{2}$ years
16. $\$ 1,245,5.4 \%, 6$ months

Name: $\qquad$
$\qquad$

## Chapter 7: Applying Percents Bringing It All Together \#1

## Vocabulary Check

State whether the statement is true or false.
If false, replace the underlined word or number to make a true sentence.

1) The sale price of a discounted item is the regular price minus the discount. $\qquad$
2) A ratio that compares the change in quantity to the original amount is called the percent of change. $\qquad$
3) A percent proportion compares part of a quantity to the whole quantity using a percent. $\qquad$
4) The formula for simple interest is $I=$ prt.
5) A tax is the amount by which the regular price of an item is reduced. $\qquad$
6) To find the percent of increase, compare the amount of increase to the new amount. $\qquad$
7) If the new amount is greater than the original amount, then the percent of change is "percent of decrease." $\qquad$
8) The principal is the amount of money deposited or borrowed.
7-2 The Percent Proportion (p. 350-354)
Set up a proportion and solve. Show your work!

| 9) $75 \%$ of 96 is $H$ | 10) 7 is $R \%$ of 21 | 11) $K \%$ of 24 is 18 |
| :--- | :--- | :--- |


| 12) $R$ is $33 \frac{1}{3} \%$ of 12 | 13) 12 is $66 \frac{2}{3} \%$ of $N$ | 14) 8 is $N \%$ of 64 |
| :--- | :--- | :--- |

## 7-6 Percent of Change (p. 369-374)

Find each percent of change.
State whether the percent of change is an increase or decrease.
15) original: 4
new: 5
16) original: 1.0
new: 1.3
17) The price was $\$ 15$.

Now it is $\$ 12$.
18) Mr. Johnson ran 7.5 km on Monday and then 6 km on Tuesday.

## 7-7 Sales Tax and Discount (Percent Story Problems) (p. 375-378)

Find the sales tax. Then, find the total amount.
19) $\$ 25$ backpack; $7 \%$ tax
20) $\$ 8,000$ car; $5.5 \% \operatorname{tax}$

Use the information to fill in the chart. Write a proportion and solve.
21) A bike is regularly $\$ 45$.

There is a $30 \%$ discount.
Find the amount of discount. $\qquad$
Find the sale price. $\qquad$

| Sale Price |  | $\%$ |
| :---: | ---: | ---: |
| Discount |  | $\%$ |
| Regular Price | $100 \%$ |  |

## $-=$

23) The basketball player was shooting free throws. She made 54 and missed 6.

Find the total number of free throws. .-

Find the percent made.

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

22) In a class, there are 36 boys and 39 girls.

Find the total number of students. $\qquad$
What percent are girls? $\qquad$

|  |  | $\%$ |
| :--- | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

24) A phone is discounted $40 \%$.

The regular price is $\$ 60$.
Sales tax is $6 \%$.
Find the sale price. $\qquad$
Find the total amount. $\qquad$

| Sale Price |  | $\%$ |
| :---: | ---: | ---: |
| Discount |  | $\%$ |
| Regular Price |  | $100 \%$ |

$\square=$

7-8 Simple Interest (p. 379-382)
Find the interest earned to the nearest cent.
Show your formula, substitution and steps!. (Calculator © ek )
25) $\$ 779,8 \%, 4$ years
26) $\$ 4,800,2.4 \%, 3$ months

Review of Fractions = Decimals $=$ Percents

|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 27) | $\frac{2}{3}$ |  |  |  |
| 28) |  |  | 1.25\% |  |
| 29) |  | 0.003 |  |  |
| 30) |  | 0.2 |  |  |
| 31) | $\frac{4}{12}$ |  |  |  |
| 32) |  |  | 25\% |  |
| 33) |  |  | $\frac{1}{4} \%$ |  |
| 34) |  | 5 |  |  |
| 35) | $\frac{4}{5}$ |  |  |  |
| 36) |  |  | $16 \frac{2}{3} \%$ |  |
| 37) | $\frac{13}{25}$ |  |  |  |

FinAlly DONE

Name: $\qquad$
$\qquad$
$\qquad$

## Chapter 7: Applying Percents

Bringing It All Together \#2
Set up a proportion and solve. Show your work!

| 1) $G$ is $66 \frac{2}{3} \%$ of 48 | 2) $R \%$ is 45 of 81 | 3) 9 is $12.5 \%$ of $N$ |
| :--- | :--- | :--- |
| 4) 36 is $40 \%$ of $T$ | 5) $X \%$ of 42 is 7 | 6) $75 \%$ of 67 is $W$ |

Find each percent of change.
State whether the percent of change is an increase or decrease.
7) The price was $\$ 180$. Now it is $\$ 126$.
8) Mrs. Jones ran 8 minutes on Friday and then 9.2 minutes on Saturday.

Use the information to fill in the chart. Write a proportion and solve.
9) $A \$ 90$ watch is now on sale for $\$ 63$.

What was the amount of discount? $\qquad$

What was the discount percent? $\qquad$

| Sale Price |  |
| :---: | ---: |
| Discount | $\%$ |
| Regular Price | $\%$ |


11) There are 180 school days.

135 days have passed.
What percent of school is left?

|  |  | $\%$ |
| ---: | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

10) You missed 5 questions and answered 45 questions correct on your science test.

Find the total number of questions. $\qquad$
Find the percent correct. $\qquad$

|  |  | $\%$ |
| :--- | ---: | ---: |
|  |  | $\%$ |
|  |  | $100 \%$ |

$\qquad$
12) A concert ticket was $\$ 48$.

There is a $25 \%$ discount.
Sales tax is $6 \%$.

Find the sale price. $\qquad$

Find the total amount. $\qquad$

| Sale Price |  | $\%$ |
| :---: | ---: | ---: |
| Discount |  | $\%$ |
| Regular Price | $100 \%$ |  |

$\square=$

Find the interest earned to the nearest cent. Show your formula, substitution and steps!. (Calculator ©k)
13) $\$ 779,8 \%, 4$ years
14) $\$ 4,800,2.4 \%, 3$ months

|  | Fraction | Decimal | Percent | Work Space |
| :---: | :---: | :---: | :---: | :---: |
| 15) | $\frac{5}{6}$ |  |  |  |
| 16) |  |  | 3.75\% |  |
| 17) |  | 0.005 |  |  |
| 18) |  | 0.8 |  |  |
| 19) | $\frac{5}{12}$ |  |  |  |
| 20) |  |  | 25\% |  |
| 21) |  |  | $\frac{1}{4} \%$ |  |
| 22) |  | 2 |  |  |
| 23) | $\frac{1}{5}$ |  |  |  |
| 24) |  |  | $37 \frac{1}{2} \%$ |  |
| 25) | $\frac{18}{25}$ |  |  |  |

FinAlly DONE

