$\qquad$
(Parent Signature)
Date Due: $\qquad$
$\mathbf{6}^{\text {th }}$ Grade Practice Sheet 6
Show all work - NO CALCULATORS!

| 1. Write the fraction as a decimal. <br> $\frac{7}{8}$ | 6. Place the $\operatorname{sign}(<\rangle,,=)$ to make each statement true. Justify your answer. $1 \frac{1}{5} \ldots 1.2$ |
| :---: | :---: |
| 2. Write the fraction as a decimal. $\frac{5}{12}$ | 7. Place the $\operatorname{sign}(<,>,=)$ to make each statement true. Justify your answer. $2.3 \ldots 2 \frac{1}{3}$ |
| 3. Write the decimal as a mixed number fraction. $7.48$ | 8. Place the $\operatorname{sign}(<,>,=)$ to make each statement true. Justify your answer. $6 \% ~ ـ \quad 0.6$ |
| 4. Write the decimal as a mixed number fraction. $2.5$ | 9. Place the $\operatorname{sign}(<,>,=)$ to make each statement true. Justify your answer. $150 \% \text { __ } 1.5$ |
| 5. Find the sum. $3 \frac{1}{8}$ and $1 \frac{2}{5}$ | 10. Find the difference. $4 \frac{1}{4} \operatorname{and} 1 \frac{7}{8}$ |


| 11. Write the decimal as a percent. | 16. Write a percent to represent the shaded |
| :---: | :---: |
| 0.22 |  |
| 12. Write the decimal as a percent. | 17. Write a percent to represent the shaded |
| 13. About $\frac{19}{20}$ of celery is water. What is the percent of this? | 18. Shade the model showing $135 \%$. |
| 14. In one day at a store, $7 \%$ of the sales were from shoes. Write | 19. Shade the model showing $140 \%$. |
| 15. A collectible action figure sold for $193 \%$ of the original price. Write this percent as a decimal and as a fraction in simplest form. | 20. A car's tire pressure decreased by 0.098 of its original pressure. Write this number as a percent. |

## Be sure to show how you made your choice.

21) Which $10 \times 10$ grid is shaded to represent the decimal number that, when added to 0.65 , results in a total of 1.00 ?
A

B

C

D

22) Each rectangle pictured represents one whole and is made up of small squares that are all the same size. Which rectangle has $\frac{1}{5}$ if its area shaded?
A


B

C

D

23) Maggie had a bag of peanuts that weighed 2.84 pounds. She took some of the peanuts out of the bag. The bag then weighed 1.24 pounds. What was the weight of the peanuts Maggie took out of the bag?
a. 4.08 pounds
b. 3.6 pounds
c. $\quad 1.6$ pounds
d. 1.06 pounds
24) If $a=2$, what is the value of $7-3 a$ ?
a. 1
b. 2
c. 8
d. 15
25) Peter Pickle Company sells jars of pickles with 2.5 lbs. of pickles in each jar. The company decided to increase the size of the jar to hold an additional 1.275 lbs . What is the new weight of the pickles in each jar?
a. 3.150 lbs .
b. 3.250 lbs .
c. 3.575 lbs .
d. 3.775 lbs .
26) Bill is ordering items for his bike from an Internet company. If Bill has $\$ 28.39$ saved, how much more does he need to save to buy just the lock and speedometer?
a. $\$ 7.76$
b. $\$ 7.86$
c. $\$ 8.76$
d. $\$ 8.86$

| Bike Equipment | Cost of Equipment |
| :--- | :---: |
| Extra Tire | $\$ 3.75$ |
| Headlight | $\$ 11.99$ |
| Lock | $\$ 22.40$ |
| Speedometer | $\$ 13.75$ |

27) If $n$ is the input number, which expression could be used to find the value of the output shown in the table?

| Input (n) | 1 | 2 | 3 | 4 | 5 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Output | 3 | 5 | 7 | 9 | 11 |

a. $n+2$
b. $3 n$
c. $2 n+1$
d. $4 n+1$
28) Complete the T-chart by filling in the missing place.
a. 5
b. 10
c. 15
d. 25

| $\boldsymbol{x}$ | $\mathbf{5 0} \div \boldsymbol{x}$ |
| :---: | :---: |
| 50 | 1 |
|  | 5 |
| 5 | 10 |
| 2 | 25 |

29) Which of the following represents 3 times a number increased by 4 ?
a. $3 n-4$
b. $3+4 n$
c. $3 n+4$
d. $4-3 n$
30) Jan plans to make some dip for her party. The recipe calls for 1 cup of sour cream. She plans to triple the recipe. Sour cream is sold in 1 pint containers. What is the least number of 1-pint containers of sour cream Jan must have to make the dip?
a. 4 containers
b. 3 containers
c. 2 containers
d. 1 container
