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

## $\mathbf{6}^{\text {th }}$ Grade Practice Sheet 8

Show all work - NO CALCULATORS!


| 11. Find the sum. <br> 4.796 and 13 |  | 16. Estimate the percent of each number. |  |
| :---: | :---: | :---: | :---: |
|  |  | 49\% of 148 |  |
| 12. Find the difference.$85-67.13$ |  | 17. Estimate the percent of each number. |  |
|  |  | $9 \%$ of 36 |  |
| 13. The current balance of Tracy's checking. account is $\$ 237.80$. Find the new balance after she writes a check for $\$ 29.95$. |  | 18. Solve. <br> 80 is $25 \%$ of what number |  |
| 14. The annual rainfall for Coy Falls was 50.38 inches. The next year it increased to 55.76. What is the difference between the two years? |  | 19. A number cube is marked with $1,2,3,4,5$, and 6 on its faces. <br> Write the probability if you roll one time. $P(2)$ <br> $P($ greater than 3$)$ |  |
| 15. The spinner shown is spun once. Find the probability. Write as a fraction. |  | 20. Draw a tree diagram or list to determine possible outcomes. Then find the probability. |  |
| $\begin{aligned} & P(A) \\ & P(A \text { and } C) \end{aligned}$ |  | Buy a can or bottle of grape Find $P$ (bottle, grape) | or orange soda. |

Be sure to show how you made your choice.
21) Which fraction is equal to 0.74 ?
a. $\frac{3}{4}$ cups
b. $\frac{74}{1000}$ cups
c. $\frac{37}{50}$ cups
d. $\frac{74}{10}$ cups
22) What fraction of total pencils sold was sold on Monday and Wednesday together?
a. one-fourth
b. one-third
c. one-half
d. three-fourths

23) Darius spends $35 \%$ of his time doing math homework. Alex spends $\frac{2}{5}$ of his time doing math homework. Serina spends $25 \%$ of her time doing math homework. Trina spends $\frac{2}{3}$ Who spends more time on math homework?
a. Darius
b. Alex
c. Serina
d. Trina
24) Complete the T-chart by filling in the missing place.
a. 55
b. 60
c. 65
d. 70

| $\boldsymbol{n}$ | $\mathbf{3 n + 5}$ |
| :---: | :---: |
| 10 | 35 |
| 20 |  |
| 30 | 95 |
| 40 | 125 |

25) In a relay race, Mia ran 1.43 kilometers (km). Then she passed the baton to Gerald, who ran an additional 2.7 kilometers. How many kilometers did they run in all?
a. 4.13 km
b. 3.36 km
c. 3.5 km
d. 1.7 km
26) Corey works for a landscaping company. On Tuesday, he fertilized 4 lawns. He used 2.5 bags of fertilizer on each lawn. How much fertilizer did Corey use?
a. 10 bags
b. 7 bags
c. 9 bags
d. 3 bags
27) Elisa rode her horse $2 \frac{2}{5}$ miles. Joel rode his horse $1 \frac{7}{8}$ miles. How much farther did Elise ride than Joel?
a. $1 \frac{3}{5}$ miles
b. $1 \frac{9}{40}$ miles
c. $\frac{21}{40}$ miles
d. $1 \frac{2}{3}$ miles
28) How many possible outcomes could a student have with a pair of jeans or khakis and a yellow, red, or blue shirt?
a. 6 possible combinations
b. 3 possible combinations
c. 5 possible combinations
d. 9 possible combinations
29) Which list contains only numbers that are multiples of 8 ?
a. $1,2,4,8$
b. $8,24,32,56$
c. $1,8,16,24$
d. $32,16,12,8$
30) Order the fractions from least to greatest. $\frac{1}{2}, \frac{5}{6}, \frac{2}{3}, \frac{11}{18}$
a. $\frac{1}{2}, \frac{2}{3}, \frac{5}{6}, \frac{11}{18}$
b. $\frac{11}{18}, \frac{2}{3}, \frac{5}{6}, \frac{1}{2}$
c. $\frac{11}{18}, \frac{1}{2}, \frac{5}{6}, \frac{2}{3}$
d. $\frac{1}{2}, \frac{2}{3}, \frac{11}{18}, \frac{5}{3}$
