

Name _____



Date _____

Order the numbers from least to greatest.

| | |
|--|--------------------------------|
| 1. $\frac{75}{100}$, 0.20, $\frac{2}{10}$ | 2. 0.06, $\frac{3}{100}$, 0.3 |
| 3. $\frac{5}{10}$, $\frac{60}{100}$, 0.6 | 4. 0.1, 0.01, $\frac{24}{100}$ |

1 EACH

Fill in the missing numbers.

| | | | |
|---|--|--|--|
| 5. $8 \times \underline{\quad} = 64$ $64 \div 8 = \underline{\quad}$ | 6. $\underline{\quad} \times 6 = 12$ $12 \div \underline{\quad} = 6$ | 7. $9 \times 5 = \underline{\quad}$ $\underline{\quad} \div 9 = 5$ | 8. $6 \times 10 = \underline{\quad}$ $\underline{\quad} \div 6 = 10$ |
| 9. $5 \times \underline{\quad} = 10$ $10 \div 5 = \underline{\quad}$ | 10. $\underline{\quad} \times 9 = 90$ $90 \div \underline{\quad} = 9$ | 11. $\underline{\quad} \times 3 = 3$ $3 \div \underline{\quad} = 3$ | 12. $7 \times \underline{\quad} = 28$ $28 \div 7 = \underline{\quad}$ |

1 EACH

Find the difference.

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 13. $\frac{4}{8} - \frac{1}{8} =$ | 14. $\frac{3}{6} - \frac{3}{6} =$ | 15. $\frac{7}{9} - \frac{2}{9} =$ | 16. $\frac{3}{4} - \frac{1}{4} =$ |
| 17. $\frac{4}{7} - \frac{2}{7} =$ | 18. $\frac{4}{5} - \frac{1}{5} =$ | 19. $\frac{2}{3} - \frac{1}{3} =$ | 20. $\frac{7}{9} - \frac{1}{9} =$ |

1 EACH

List 3 multiples of each number.

| | |
|--------------|--------------|
| 21. 2 _____ | 22. 25 _____ |
| 23. 91 _____ | 24. 79 _____ |

1 EACH

Write each number in standard form.

| | |
|--|---------------------|
| sixteen thousand, five hundred sixty-one | 3 |
| $300 + 9$ | 4 hundreds + 2 ones |
| forty | $3 + 20$ |

REQUIRED !!!

Find the perimeter of each polygon.

$\overline{BL} = 30 \text{ mm}$ $\overline{LE} = 72 \text{ mm}$ $\overline{SC} = 18 \text{ mm}$ $\overline{TJ} = 30 \text{ mm}$

$\overline{BZ} = 14 \text{ mm}$ $\overline{DZ} = 18 \text{ mm}$ $\overline{CX} = 27 \text{ mm}$ $\overline{JA} = 82 \text{ mm}$

$\overline{EP} = 13 \text{ mm}$ $\overline{DS} = 30 \text{ mm}$ $\overline{TX} = 38 \text{ mm}$ $\overline{PA} = 30 \text{ mm}$

4 EACH

Number of Seeds Planted

| Day | Number of Seeds |
|-----------|-----------------|
| Monday | 250 |
| Tuesday | 180 |
| Wednesday | 200 |
| Thursday | 210 |
| Friday | 260 |

a. How many more seeds were planted on Friday than on Thursday?

b. How many seeds were planted in all?

c. How many seeds were planted in all on Tuesday and Monday?

5 POINTS

52
73

125

200
180

380

Solve each equation.

| | | | |
|----------------|---------------|----------------|--------|
| $61 + q = 128$ | $h + 24 = 36$ | $137 = u + 89$ | 2 EACH |
| $132 = 97 + d$ | $58 = 13 + z$ | $131 = w + 36$ | |
| $70 + p = 144$ | $c + 6 = 92$ | $y + 85 = 163$ | |

Write the rule for each function. Write the rule as an equation.

| | | | | | | | | | | | | | | | | |
|---|----------|-------|----|----|-----|-----|-----|-----|-----|--------|---|----|----|----|----|----|
| Rule: _____ | 5 POINTS | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Input</td> <td>r</td> <td>57</td> <td>72</td> <td>84</td> <td>101</td> <td>103</td> <td>122</td> </tr> <tr> <td>Output</td> <td>b</td> <td>13</td> <td>28</td> <td>40</td> <td>57</td> <td>59</td> <td>78</td> </tr> </table> | | Input | r | 57 | 72 | 84 | 101 | 103 | 122 | Output | b | 13 | 28 | 40 | 57 | 59 |
| Input | r | 57 | 72 | 84 | 101 | 103 | 122 | | | | | | | | | |
| Output | b | 13 | 28 | 40 | 57 | 59 | 78 | | | | | | | | | |

3 POINTS EACH

| | |
|--|---|
| <p>A cookie recipe calls for $\frac{1}{4}$ cup of granulated sugar and $\frac{1}{2}$ cup of powdered sugar. If Eric doubles the recipe, what is the total number of cups of granulated sugar and powdered sugar he will need?</p> | <p>An ideal daytime temperature for poinsettias is sixty-seven degrees Fahrenheit. Nathan bought a poinsettia plant for his bedroom. The daytime temperature in his bedroom is set at seventy-three degrees. How many degrees should he lower the temperature so his bedroom will be the ideal temperature for his plant?</p> |
| <p>Caleb got a weekend job putting potted poinsettias in flats for delivery to stores. Each flat held nine plants. The first weekend he filled fourteen flats. The next weekend he filled nine flats, and the final weekend he filled eight flats. How many poinsettias did he put in flats during the three weekends he worked?</p> | <p>Brianna made 42 cookies and put them in a cookie jar. There are 24 cookies left. Write an equation to express the change in the number of cookies in the jar.</p> |
| <p>A 9-inch gingerbread pan holds $5\frac{3}{4}$ cups of batter. Emily has $7\frac{3}{8}$ cups of batter. How much batter will be left after she fills the 9-inch pan?</p> | <p>Mr. Jackson bought five red poinsettias, three white poinsettias, and eight pink poinsettias. What is the ratio of red poinsettias to the total number of poinsettias?</p> |
| <p>Sydney works at Flower Fairy Florist. This week she is putting ribbons on the pots of poinsettias. She worked $1\frac{1}{2}$ hours on Monday, $2\frac{1}{3}$ hours on Tuesday, and $2\frac{1}{3}$ hours on Wednesday. How many hours did she work this week?</p> | <p>The poinsettias at the nursery were kept in a greenhouse with a length that was 4 ft more than 3 times the width. What was the perimeter of the greenhouse if the length was 61 feet?</p> <p style="text-align: right;">5 PTS</p> |
| <p>Rebecca bought $3\frac{1}{2}$ pounds of candy to decorate the gingerbread houses. If $\frac{2}{5}$ of a pound of the candy was peppermint, how many pounds were not peppermint?</p> | |