Name: $\qquad$
Class/Block: $\qquad$ Date: $\qquad$

## Order of Operations

Decide which student accurately evaluated each expression. Explain your reasoning.

| 1. The students attempted to evaluate: |  | $\mathbf{3} \bullet \mathbf{7}+\mathbf{2 4} \div \mathbf{3}$ |
| :---: | :---: | :---: |
| Ava | Billy | Cathy |
| $3 \cdot 7+24 \div 3$ | $3 \cdot 7+24 \div 3$ |  |
| $21+24 \div 3$ | $21+24 \div 3$ |  |
| $45 \div 3$ | $21+8$ |  |
| 15 | 29 | $3 \cdot 7+24 \div 3$ |

2. The students attempted to evaluate: $\mathbf{3 ( 7 + 2 4 )} \div \mathbf{3}$

| Abbey | Bruno | Charlotte |
| :---: | :---: | :---: |
| $3(7+24) \div 3$ | $3(7+24) \div 3$ | $3(7+24) \div 3$ |
| $3(31) \div 3$ | $21+24 \div 3$ | $21+24 \div 3$ |
| $93 \div 3$ | $45 \div 3$ |  |
| 31 | 15 | $21+8$ |
| Explain which student evaluated the expression accurately; use specific details from the students' work. |  |  |

Name: $\qquad$
Class/Block: $\qquad$ Date: $\qquad$
Decide which student accurately evaluated each expression. Explain your reasoning.
3. The students attempted to evaluate: $\mathbf{5 0}-\mathbf{4 5} \div 5 \cdot 3+2$

| Allyson | Brent | Cynthia |
| :---: | :---: | :---: |
| $50-45 \div 5 \cdot 3+2$ | $50-45 \div 5 \cdot 3+2$ | $50-45 \div 5 \cdot 3+2$ |
| $5 \div 5 \cdot 3+2$ | $50-45 \div 15+2$ | $50-9 \cdot 3+2$ |
| $1 \cdot 3+2$ | $50-3+2$ | $50-27+2$ |
| $3+2$ | $47+2$ | $23+2$ |
| 5 | 49 | 25 |

Explain which student evaluated the expression accurately; use specific details from the students' work.
4. The students attempted to evaluate: $\frac{40-20 \div 2}{2+8}$

| Anna | Barbara | Colby |
| :---: | :---: | :---: |
| 40-20 $\div 2$ | $40-20 \div 2$ | 40-20 -2 |
| $2+8$ | $2+8$ | $2+8$ |
| 40-10 | 40-10 | 40-10 |
| $2+8$ | $2+8$ | $2+8$ |
| 30 | 30 | 40-10 |
| $\overline{2+8}$ | $2+8$ | 10 |
| $\underline{30}$ | $15+8$ | 40-1 |
| 10 | 23 | 39 |
| 3 |  |  |

Explain which student evaluated the expression accurately; use specific details from the students' work.

