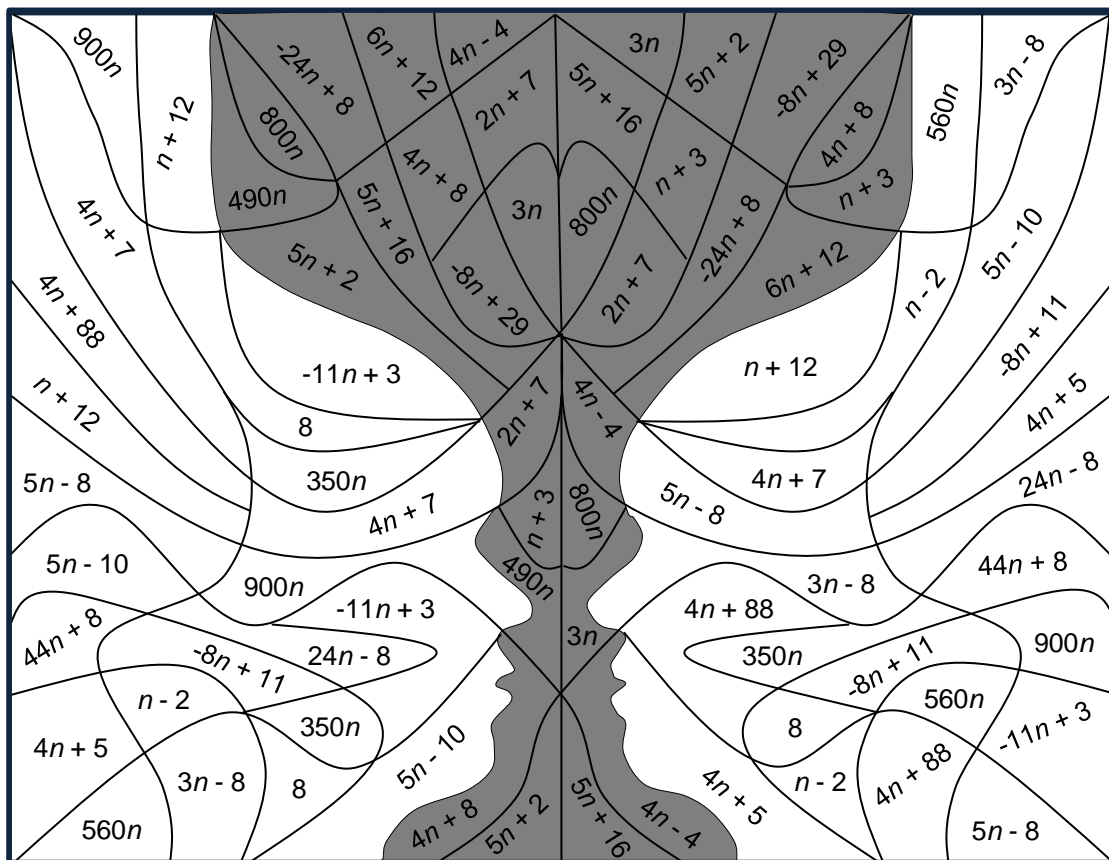


ANSWER, FIND, AND SHADE

THE THREE BASIC PROPERTIES

ANSWERS

Use the properties to simplify each expression.



Rubin's vase, or is it face?

1. $6(2 + n)$

$6n + 12$

2. $(5 - n) + (2 + 3n)$

$2n + 7$

3. $4(n - 3) + 8$

$4n - 4$

4. $5n - 4 - 2n + 4$

$3n$

5. $2(7n - 2) - (9n - 6)$

$5n + 2$

6. $8(3n + 6) - 20n - 40$

$4n + 8$

7. $(8 - 12n) - 12n$

$-24n + 8$

8. $4 \cdot 8n \cdot 25$

$800n$

9. $9 - 5n - 6 + 6n$

$n + 3$

10. $(20n + 4) - 3(5n - 4)$

$5n + 16$

11. $-2(n - 10) - 6n + 9$

$-8n + 29$

12. $7 \cdot 5n \cdot 7 \cdot 2$

$490n$