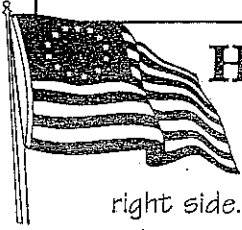


PARTNER A (left side)

TEAM NAME

PARTNER B (right side)



How Did Betsy Ross Know What Colors People Really Wanted for the New National Banner?

Simplify each expression. Partner A should do the left side and Partner B the right side. After completing each set, find matching answers. One will have a letter and the other a number. Write the letter in the matching numbered box at the bottom of the page.

SET 1

- O. $2y + 5(x + 4) + 6x$
- L. $9x + 8 + 3(x + y)$
- A. $10 + 3(2 + x) + 12(x + y)$
- E. $4(x + y) + y + 2(y + 5) + 6x$

SET 1

- 15. $3y + 4(x + 2) + 8x$
- 3. $3x + 10 + 7(x + y)$
- 5. $11 + 9(1 + x) + 2(x + y)$
- 8. $3(x + y) + y + 8(y + 2) + 12x$

SET 2

- O. $4n^2 + 7n + 5n^2 + 9n + 8$
- A. $6n^2 + n + 15 + 3n^2 + 12n + 5$
- K. $10 + 3n + n^2 + 8n + 9n^2 + 2n$
- S. $5n + 8 + 4n^2 + 4n + 1 + 6n^2 + n$

SET 2

- 7. $8n^2 + 4n + 2n^2 + 9n + 10$
- 1. $3n^2 + n + 4 + 7n^2 + 9n + 5$
- 11. $20 + 8n + n^2 + 3n + 8n^2 + 2n$
- 14. $10n + 7 + 5n^2 + 5n + 1 + 4n^2 + n$

SET 3

- F. $5(2w + 3) + 6w$
- O. $w + 4(7w + 1) + 24$
- H. $2(6w + 5) + 9(2w + 2)$
- L. $10(8 + w) + 11w + 3(4 + 3w)$

SET 3

- 2. $7(3w + 4) + 9w$
- 9. $w + 3(5w + 1) + 12$
- 16. $9(2w + 8) + 4(3w + 5)$
- 6. $6(3 + w) + 3w + 5(4w + 2)$

SET 4

- G. $9a^3 + 2a^2 + 6a + 7a^2 + a$
- T. $5a^2 + 9ab + 4b^2 + 5a^2 + b^2$
- L. $6a^3 + a^2 + 5a + 2a^3 + 4a^2 + 3a$
- P. $2a^2 + 8ab + 3b^2 + 6a^2 + ab + 4b^2$

SET 4

- 10. $8a^3 + 3a^2 + 7a + 2a^2 + a$
- 13. $4a^2 + 9ab + 6b^2 + 4a^2 + b^2$
- 12. $2a^3 + a^2 + 5a + 7a^3 + 8a^2 + 2a$
- 4. $3a^2 + 8ab + 3b^2 + 7a^2 + ab + 2b^2$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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