

Why do bees have sticky hair?

Tiers B/c

Directions: Write the letter of each answer in the box containing the problem number.

1. $5(2x + 3)$ 2. $8(3m + 4)$
3. $4(3 - 2y)$ 4. $(8 + 3n)(6)$
5. $6(2x - 3)$ 6. $9(2x + 6y)$
7. $7(x + 2y)$ 8. $8(4x - 3y)$

Distribute, and then combine like terms

9. $2(3x + 4) + 6$ 10. $3(x + 4) + 2x$
11. $4(2x + 3y) + 7x$ 12. $8(3 - 2f) + 3$
13. $(9n + 6)(4) + 3n$ 14. $5m + 7(2 + 8m)$
15. $6(x + y) + x$ 16. $3 + 9(2n + 1) + 4n$

Challenge Problems:

17. $2(5x + 2y) + 3(2y + x)$

18. $2(7 - 3x) + 6(3 + 2y) + 3y + 2$

Answers:

- | | |
|----------------|--------------------|
| E. $24m + 32$ | A. $48 + 18n$ |
| H. $14 + 61m$ | N. $27 - 16f$ |
| Y. $12x - 18$ | O. $32x - 24y$ |
| B. $12 - 8y$ | S. $5x + 12$ |
| H. $22n + 12$ | Y. $34 - 6x + 15y$ |
| E. $18x + 54y$ | M. $13x + 10y$ |
| O. $10x + 15$ | C. $7x + 6y$ |
| V. $39n + 24$ | E. $6x + 14$ |
| T. $7x + 14y$ | H. $15x + 12y$ |

7	14	2	5	11	4	13	9	16	1	12	6	18	15	8	17	3	10
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