

Why do bees have sticky hair?

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
---	----	---	---	--	----	---	----	---	--	----	---	----	---	----	----	---	----	---	----