



## Puzzle Time

### What Do You Get When You Cross A Centipede With A Parrot?

Write the letter of each answer in the box containing the exercise number.

Find the sum, difference, or product.

1.  $(10x^2 + 5) - (6x^2 - x + 4)$
2.  $(x^5 + 3x^4 - x + 7) + (3x^5 - 8x^4 - x^3 + 12)$
3.  $(-3x^3 + 8x^2 - 4) - (-2x^3 - x^2)$
4.  $-x^2(4x^3 - 2x^2 + 5x - 7)$
5.  $(4x^3 - 2) - (3x^2 - 2)$
6.  $(x - 4)(x + 3)$
7.  $(5x^2 - x + 2)(-4x + 1)$
8.  $(2 - x)(10x^2 - 7x + 9)$
9.  $(-2x^2 - 5x + 1)(x^2 + 3x - 2)$
10.  $(8x^3 - 2x^2 + 6x - 18) + (4x^3 - x^2 - 5x + 7)$
11.  $(15x - 8) - (20x + 8)$
12.  $(x - 2)(x + 4)(x - 10)$
13.  $(2x - 1)(3 - x)(4 + 2x)$

#### Answers

- A.  $-x^3 + 9x^2 - 4$
- A.  $4x^2 + x + 1$
- T.  $-10x^3 + 27x^2 - 23x + 18$
- W.  $4x^5 - 5x^4 - x^3 - x + 19$
- K.  $-5x - 16$
- K.  $4x^3 - 3x^2$
- I.  $x^2 - x - 12$
- E.  $-20x^3 + 9x^2 - 9x + 2$
- E.  $-4x^3 + 6x^2 + 22x - 12$
- A.  $-2x^4 - 11x^3 - 10x^2 + 13x - 2$
- L.  $12x^3 - 3x^2 + x - 11$
- L.  $-4x^5 + 2x^4 - 5x^3 + 7x^2$
- I.  $x^3 - 8x^2 - 28x + 80$

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