

For each expression:

- a) Find the product of the polynomials
- b) Write the product in standard form
- c) Classify the polynomial by degree and by number of terms^{d)}
- e) Describe the end behavior

Label the parts, please!

1. $(x + 3)(x - 2)$

2. $(x + 3)(x + 4)(x + 5)$

3. $(x - 3)^2(x - 1)$

4. $x(x + 2)^2$

5. $x(x + 5)^2$

6. $x(x - 1)(x + 1)$

7) $(x + 3)^3$

8) $(x + 1)(x - 2)(x + 3)$

9) $x(x - 2)(x + 2)$

10) $x^2(x + 1)(x + 6)$