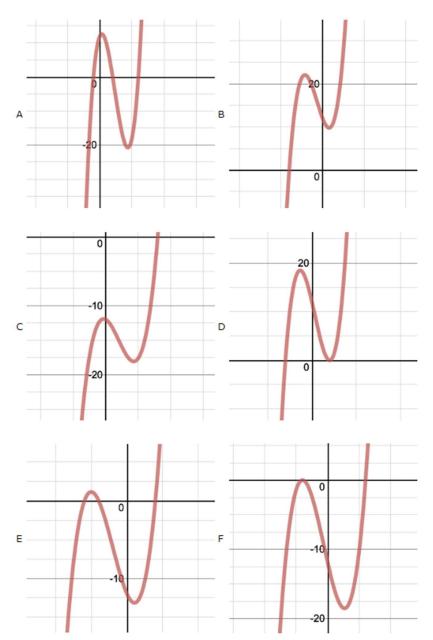
## **Cubics – Matching Graphs**

Here are six cubic graphs. Can you match each one with its equation?



(1) 
$$y = x^3 + 2x^2 - 5x + 12$$

(2) 
$$y = x^3 + 3x^2 - 4x - 12$$

(1) 
$$y = x^3 + 2x^2 - 5x + 12$$
  
(2)  $y = x^3 + 3x^2 - 4x - 12$   
(3)  $y = x^3 - 7x^2 + 4x + 12$   
(4)  $y = x^3 - 3x^2 - x - 12$   
(5)  $y = x^3 + x^2 - 8x - 12$   
(6)  $y = x^3 - x^2 - 8x + 12$ 

(4) 
$$y = x^3 - 3x^2 - x - 12$$

(5) 
$$y = x^3 + x^2 - 8x - 12$$

(6) 
$$y = x^3 - x^2 - 8x + 12$$