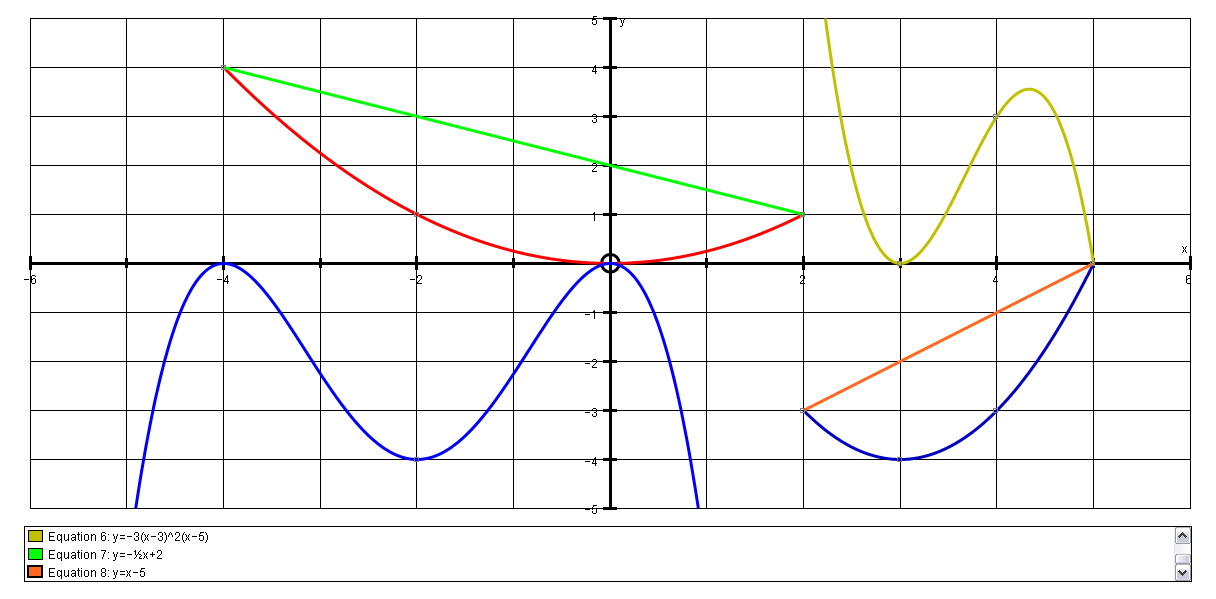
Find the equation and Domain and Range for each graph below:

(label each graph clearly!)



F

E

D

C

B

A

|  |  |  |
| --- | --- | --- |
| ***A***  ***y = - bx2 (x + 4)2***  ***sub x = -2, y = -4***  ***-4 = -b. 4 . 4***  ***b = ¼***  ***y = - x2 (x + 4)2***  ***4***  ***Domain =All x values***  ***Range = All y values*** | ***C***  ***y = - ½ x + 2***  ***D is -4* ≤ *x* ≤ 2**  ***R is 1* ≤ *y* ≤ 4** | ***E***  ***y = x – 5***  ***D is 2 < x < 5***  ***R is -3* ≤ *y* ≤ 0** |
| ***B***  ***y = bx2***  ***sub x = 2, y = 1***  ***1 = b.4***  ***b = ¼***  ***y = x2***  ***4***  ***D is -4 < x < 2***  ***R is 0* ≤ *y* ≤ 4** | ***D***  ***y = -b(x – 3)2(x – 5)***  ***sub x = 4, y = 3***  ***3 = -b(-1)***  ***b = 3***  ***y = -3(x – 3)2(x – 5)***  ***D is -∞ < x < 5***  ***R is 0* ≤ *y* < *∞*** | ***F***  ***y = (x – 3)2 – 4***  ***D is 2 < x < 5***  ***R is -4* ≤ *y* ≤ 0** |