Find the intervals of increase and decrease for 

1. Increasing on *x*  –2 and *x*  8 , decreasing on  – 2  *x*  8
2. Increasing on *x* < –8 and *x* > 2, decreasing on –8 < *x* < 2
3. Increasing on –8 < *x* < 2, decreasing on *x* < –8 and *x* > 2
4. Increasing on *x* < –2 and *x* > 8, decreasing on –2 < *x* < 8

An equation for the tangent line to the curve at the point where *x* = 0 is

1. *y* = 9*x* – 1
2. *y* = 18*x* + 1
3. *y* = 9*x* + 1
4. *y* = 18*x* – 1