Calculus
Derivative

1 Exercises

Find the derivative of:

1. $9x^2 + \cos{(9x)}$

2. $7x^2 + \cos{(7x)}$

3. $6x^2 + \cos{(6x)}$

4. $3x^2 + \cos{(3x)}$

5. $2x^2 + \cos{(2x)}$

6. $5x^2 + \cos{(5x)}$

7. $4x^2 + \cos{(4x)}$

8. $8x^2 + \cos{(8x)}$

2 Answers

1. $18x - 9\sin{(9x)}$

2. $14x - 7\sin{(7x)}$

3. $12x - 6\sin{(6x)}$

4. $6x - 3\sin{(3x)}$

5. $4x - 2\sin{(2x)}$

6. $10x - 5\sin{(5x)}$

7. $8x - 4\sin{(4x)}$

8. $16x - 8\sin{(8x)}$