Differentiation

1. Find given that equals:

Multiply the coefficient by the index, then reduce the index by 1

a. b. c.

2. Find given that equals:

Laws of indices:

= x-a

√x = x½

a. b. c.

3. Find given that equals:

a. b.

c. d.

4. Find given that equals:

a. b.

c. d.

Expand the brackets first!