

Expanding Single Brackets

1



Expand.

$$-4p(3 - 2p)$$

Answer _____

2



Expand.

$$\frac{2}{3}(9x - 6y + 12)$$

Answer _____

3



Expand.

$$5x^2(x^3 - 4x)$$

Answer _____

4



Expand.

$$3y^4(y^{-2} + 2y^{-1})$$

Answer _____

5



Expand and simplify.

$$x^2(x + 5) - x(x^2 - 3x)$$

Answer _____

6



Fill in the bracket.

$$2x^3(\quad) = 8x^5 - 6x^2$$

Answer _____

7



Show that $3n(n + 4) - n(3n - 2)$ is a multiple of 14 for any whole number n .

Shown _____

8



Expand and simplify.

$$4x^3(x^{-1} - 2x^{-2}) - x(3x - 5)$$

Answer _____