

Answer

$$(2x + 6)(2x - 6)$$

Answer

$$(x + 1)(x + 2)$$

Question

Factorise

$$x^2 + 3x + 2$$

Question

Factorise

$$x^2 + 6x + 5$$

Answer

$$(x + 1)(x + 5)$$

Answer

$$(x + 3)(x + 2)$$

Question

Factorise

$$x^2 + 5x + 6$$

Question

Factorise

$$x^2 + x - 6$$

Answer

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

Answer

$$(2x + 1)(x + 2)$$

Question

Factorise

$$2x^2 + 5x + 2$$

Question

Factorise

$$3x^2 + 5x + 2$$

Answer

$$(3x + 2)(x + 1)$$

Answer

$$(x + 1)(x - 2)$$

Question

Factorise

$$x^2 - x - 2$$

Question

Factorise

$$x^2 + 3x - 4$$

Answer

$$(x - 1)(x + 4)$$

Question

Factorise

$$x^2 + 3x$$

Answer

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

Question

Factorise

$$12x^2 + 8x$$

Answer

$$x(x + 3)$$

Question

Factorise

$$6x^3 + 3x^2$$

Answer

$$4x(3x + 2)$$

Question

Factorise

$$4x^2 + 36$$

Answer

$$(x + 2)$$

Answer

$$(2x + 2)(x + 1)$$

Question

Factorise

$$2x^2 + 3x + 2$$

Question

Factorise

$$6x^2 + 5x + 1$$

Answer

$$(3x + 1)(2x + 1)$$

Answer

$$(2x + 3)(x - 1)$$

Question

Factorise

$$2x^2 + x - 3$$

Question

Factorise

$$6x^2 + 7x + 2$$

Answer

$$(3x + 2)(2x + 1)$$

Question

Factorise

$$2x^2 + 5x - 12$$

Answer

$$(2x - 3)(x + 4)$$

Question

Factorise

$$9x^2 - 16$$

Answer

$$(3x + 4)(3x - 4)$$

Question

Factorise

$$x^2 - 81$$

Answer

$$(x + 9)(x - 9)$$

Question

Factorise and  
simplify

$$\frac{x^2 + 7x + 6}{(x + 1)}$$

$$(x + 1)$$

Answer

$$(x + 6)$$

Answer

$$(x + 3)$$

Question

Factorise and  
simplify

$$\underline{x^2 + 4x + 3}$$

$$(x + 1)$$

Question

Factorise and  
simplify

$$\underline{2x^2 + x - 3}$$

$$(x - 1)$$

Answer

$$(2x + 3)$$

Answer

$$(3x + 1)$$

Question

Factorise and  
simplify

$$\underline{6x^2 + 5x + 1}$$

$$(2x + 1)$$

Question

Factorise and  
simplify

$$\underline{x^2 + 3x + 2}$$

$$(x + 1)$$