

a)  $15x^3 - 3ax =$

( ) . ( \_ \_ )

b)  $7a - 7b =$

( ) . ( \_ \_ )

c)  $a^5 + a^3 - a^2 =$

( ) . ( \_ \_ \_ )

Fatore os  
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d)  $6x^3 - 10x^2 + 4x^4 =:$

( ) . ( \_ \_ \_ )

e)  $6x^2y + 12xy - 9xyz =:$

( ) . ( \_ \_ \_ )

f)  $a(x - 3) + b(x - 3) =$

( ) . ( \_ \_ )

a)  $6x + 6y + ax + ay =$

( ) . ( \_ \_ ) - ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

b)  $ax + ay + 7x + 7y =$

( ) . ( \_ \_ ) - ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

c)  $2a + 2n + ax + nx =$

( ) . ( \_ \_ ) - ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

d)  $x^3 + x^2 + x + 1 =$

( ) . ( \_ \_ ) - ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

f)  $x^3 + 2x^2 + xy + 2y =$

( ) . ( \_ \_ ) - ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

2) Fatore os  
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AGRUPAMENTO

a)  $6x + 6y + ax + ay =$

( ) . ( \_ \_ ) \_ ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

b)  $ax + ay + 7x + 7y =$

( ) . ( \_ \_ ) \_ ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

c)  $2a + 2n + ax + nx =$

( ) . ( \_ \_ ) \_ ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

d)  $x^3 + x^2 + x + 1 =$

( ) . ( \_ \_ ) \_ ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

f)  $x^3 + 2x^2 + xy + 2y =$

( ) . ( \_ \_ ) \_ ( ) . ( \_ \_ )

( \_ \_ ) . ( \_ \_ )

2) Fatore os  
polinômios  
AGRUPAMENTO

a)  $m^2 - 12m + 36 =$

$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$

b)  $a^2 + 14a + 49 =$

$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$

c)  $4 + 12x + 9x^2 =$

$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$

d)  $9a^2 - 12a + 4 =$

$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$

e)  $9x^2 - 6xy + y^2 =$

$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$

f)  $x^2 + 20x + 100 =$

$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$

4) Fatore os polinômios TRINÔMIO

$$2x^3 + 3x^2 + 4x + 6$$

$$(\quad) \cdot (\quad \quad) \quad (\quad) \cdot (\quad \quad)$$

$$(\quad \quad) \cdot (\quad \quad)$$

$$x^3 + 3x^2y + 3xy^2 + y^3$$

$$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$$

$$x^3 + 3x^2y + 3xy^2 + y^3$$

$$(\sqrt{\quad} \quad \sqrt{\quad}) = (\quad \quad)$$

5) Fatore os  
polinômios  
CUBO  
PERFEITO