mobius

Factor Polynomials (Order 3) - By Grouping, Common Factors to Order 2 Factors, Coefficient 1 (True/False)

1

Is this factoring step correct?

$p^2(p+5) + 3(p+5)$
$= (p+5)(p^2+57)$

A	B
No	Yes

2

Is this factoring step correct?

$x^2(x+8) + 9(x+8)$
$= (x+8)(x^2-9)$

A	B
No	Yes

3

Is this factoring step correct?

$m^2(m+7) + 4(m+7)$
$= (m+7)(m^2+6)$

A	B
No	Yes

4

Is this factoring step correct?

$q^2(q-8) + 9(q-8)$
$= (q-8)(q^2+9)$

A	B
Yes	No

5

Is this factoring step correct?

$y^2(y+5) + 6(y+5)$
$= (y+5)(y^2+6)$

A	B
Yes	No

6

Is this factoring step correct?

$q^2(q-5) - 4(q-5)$
$= (q+5)(q^2-4)$

A	B
No	Yes

7

Is this factoring step correct?

$w^2(w+8) + 3(w+8)$
$= (w+8)(w^2+3)$

A	B
Yes	No

8

Is this factoring step correct?

$x^2(x-8) + 5(x-8)$
$= (x-8)(x^2+5)$

A	B
Yes	No