Name

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

1

Is this factoring step correct?

$p^2(p+4)-9(p+4)$
$=(p+4)(p-3)(p-3)$

A	B
No	Yes

2

Is this factoring step correct?

$q^2(q-6)-25(q-6)$
$=(q-6)(q-5)(q-5)$

A	B
No	Yes

3

Is this factoring step correct?

$r^2(r-3)-16(r-3)$
$=(r-3)(r-4)(r-4)$

A	B
No	Yes

4

Is this factoring step correct?

$n^2(n+8)-4(n+8)$
$=(n+8)(n-2)(n-2)$

A	B
No	Yes

5

Is this factoring step correct?

$m^2(m+2)-9(m+2)$
$=(m+2)(m-3)(m+3)$

A	B
Yes	No

6

Is this factoring step correct?

$r^2(r+6)-25(r+6)$
$=(r+6)(r-5)(r+5)$

A	B
Yes	No

7

Is this factoring step correct?

$m^2(m+2)-64(m+2)$
$=(m+2)(m-8)(m+8)$

A	B
Yes	No

8

Is this factoring step correct?

$n^2(n+4)-25(n+4)$
$=(n+4)(n-5)(n-5)$

A	B
No	Yes