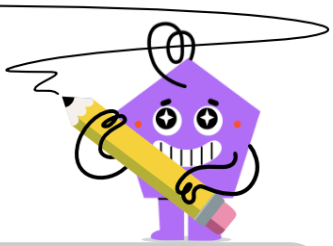
Name

Factor Polynomials (Order 3) - Sum of Cubes (True/False), Coefficient 1



1

Is this factoring step correct?

$$t^3 - 27 = (t + 3)(t^2 + 9t - 3)$$

A No

B Yes

2

Is this factoring step correct?

$$t^3 + 125 = (t - 5)(t^2 - 5t - 25)$$

A No

B Yes

3

Is this factoring step correct?

$$w^3 - 125 = (w - 5)(5w^2 - 5w + 25)$$

A No

B Yes

4

Is this factoring step correct?

$$q^3 - 125 = (q - 5)(q^2 + 5q - 25)$$

A Yes

B No

5

Is this factoring step correct?

$$n^3 + 27 = (n + 3)(n^2 - 3n + 9)$$

A Yes

B No

6

Is this factoring step correct?

$$r^3 - 64 = (r - 2)(r^2 - 4r + 16)$$

A No

B Yes

7

Is this factoring step correct?

$$m^3 + 8 = (m + 2)(m^2 - 2m + 4)$$

A Yes

B No

8

Is this factoring step correct?

$$r^3 - 27 = (r - 3)(r^2 + 3r - 9)$$

A Yes

B No