Factorize & Simplify

MS4

Factorize each expression and reduce to its lowest term.

1) $\dfrac{49p^2 - 36}{7p + 6}$

2) $\dfrac{z^2 - 2z - 8}{z^2 + 7z + 10}$

3) $\dfrac{(4t + 12)(t - }{t^2 + 2t - 3}$

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5) $\dfrac{16b^2 - 4b + 1}{64b^3 + 1}$

6)

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7) $\dfrac{3c + 27}{c^2 + 7c - 18}$

8) $\dfrac{n^3 - 27}{n - 3}$