

DOTS Homework

Factor each completely.

1) $9n^2 - 4$ $(3n + 2)(3n - 2)$

3) $16n^2 - 9$ $(4n + 3)(4n - 3)$

5) $25x^2 - 4$ $(5x + 2)(5x - 2)$

7) $50x^2 - 18$ $2(5x + 3)(5x - 3)$

9) $36x^2 - 16$ $4(3x + 2)(3x - 2)$

2) $9n^2 - 16$ $(3n + 4)(3n - 4)$

4) $9a^2 - 25$ $(3a + 5)(3a - 5)$

6) $25m^2 - 1$ $(5m + 1)(5m - 1)$

8) $20x^2 - 125$ $5(2x + 5)(2x - 5)$

10) $18n^2 - 2$ $2(3n + 1)(3n - 1)$