

Factoring polynomials 03 (special cases)

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Name _____

Class Time Examples

Date _____

Factor each completely.

1) $16r^2 - 1$

2) $p^2 - 6p + 9$

3) $9n^2 - 16$

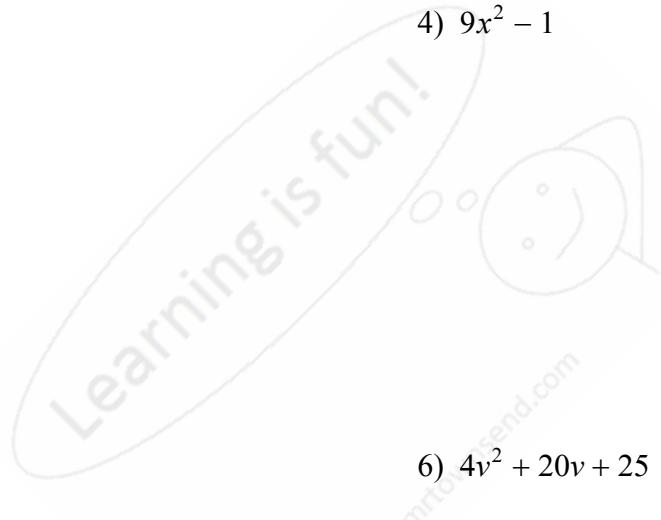
4) $9x^2 - 1$

5) $25k^2 + 20k + 4$

6) $4v^2 + 20v + 25$

7) $x^2 - 1$

8) $x^2 + 2x + 1$



Answers to Class Time Examples

$$1) (4r+1)(4r-1)$$

$$5) (5k+2)^2$$

$$2) (p-3)^2$$

$$6) (2v+5)^2$$

$$3) (3n+4)(3n-4)$$

$$7) (x+1)(x-1)$$

$$4) (3x+1)(3x-1)$$

$$8) (x+1)^2$$

