

Daily Work

Date _____

Factor each completely.

1) $16x^3 + 2$

2) $3x^3 - 375$

3) $8x^3 + 125$

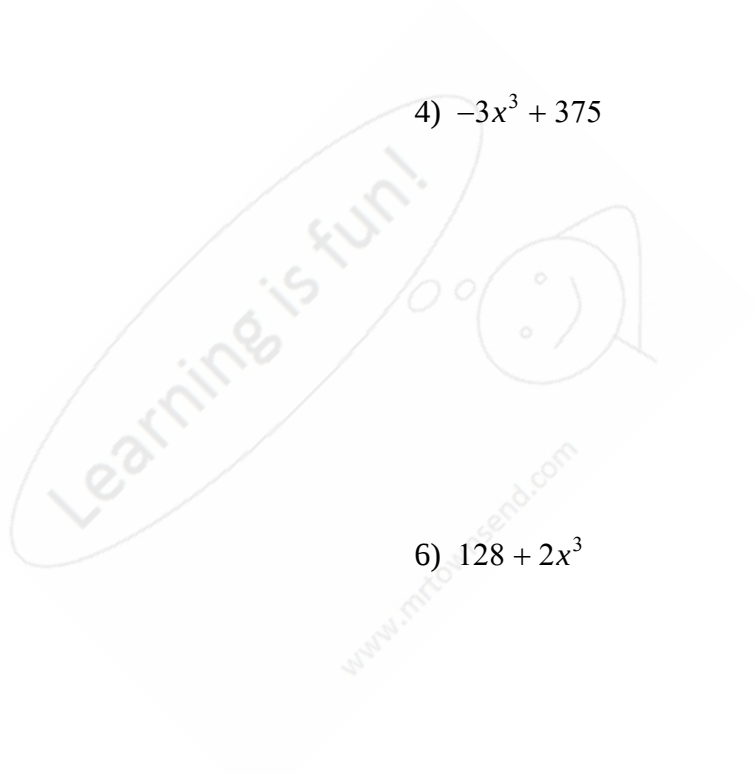
4) $-3x^3 + 375$

5) $1 - x^3$

6) $128 + 2x^3$

7) $32x^3 - 108$

8) $125x^3 - 27$



Answers to Daily Work

1) $2(2x + 1)(4x^2 - 2x + 1)$

4) $3(-x + 5)(x^2 + 5x + 25)$

7) $4(2x - 3)(4x^2 + 6x + 9)$

2) $3(x - 5)(x^2 + 5x + 25)$

5) $(1 - x)(1 + x + x^2)$

8) $(5x - 3)(25x^2 + 15x + 9)$

3) $(2x + 5)(4x^2 - 10x + 25)$

6) $2(4 + x)(16 - 4x + x^2)$

