

Daily Work

Date _____

Factor each.

1) $x^3 + 1 = 0$

2) $x^6 + 28x^3 + 27 = 0$

3) $x^4 - 6x^2 - 27 = 0$

4) $x^6 - 16x^3 + 64 = 0$

5) $x^4 + 15x^2 + 56 = 0$

6) $x^6 + 7x^3 - 8 = 0$

7) $x^3 - 1 = 0$

8) $x^3 + 64 = 0$

Answers to Daily Work

1) $(x+1)(x^2-x+1)=0$

2) $(x+1)(x^2-x+1)(x+3)(x^2-3x+9)=0$

3) $(x^2+3)(x-3)(x+3)=0$

4) $(x-2)^2 \cdot (x^2+2x+4)^2=0$

5) $(x^2+8)(x^2+7)=0$

6) $(x+2)(x^2-2x+4)(x-1)(x^2+x+1)=0$

7) $(x-1)(x^2+x+1)=0$

8) $(x+4)(x^2-4x+16)=0$



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