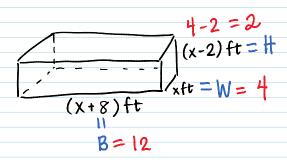
Tips for Factoring 1

- 1 Standard form
- 2 GCF! (either monomial or binomial)
- 3 Factor:

4terms grouping!

Quick Volume Example.

If the volume of the figure below is 96ft3, find the dimensions.



$$V = B \cdot W \cdot H$$

$$QG = (x + 8)(x)(x - 2)$$

$$QG = (x + 8)(x + 2)$$

$$QG = (x + 8)($$

$$V = B \cdot W \cdot H$$

= 12.4.2
= 96ft³

$$0 = \chi^{2}(\chi + 6) - 16(\chi + 6)$$

$$0 = (\chi + 6)(\chi^{2} - 16)$$

$$0 = (\chi + 6)(\chi + 4)(\chi - 4)$$

$$0 = \chi + 6 \quad 0 = \chi - 4 \quad 0 = \chi + 4$$

$$\chi = 6 \quad \chi = 4 \quad \chi = 4$$