

**7.2 Common Factoring**

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**Expanding** -  $3(x+4) = 3x + 12$ **Factoring** -  $3x - 15 = 3(x - 5)$ 

Factoring is the opposite of expanding.

*GCF - Greatest Common Factor - the largest number that will divide into each co-efficient.*

Examples [Factor each of the following](#)

1)  $ab + ac$

2)  $5x + 10$

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3)  $8a + 4$

4)  $5x^2 - 15x$  or  $5xx - 15x$

5)  $-5x + 25$

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May 10-10:09 AM