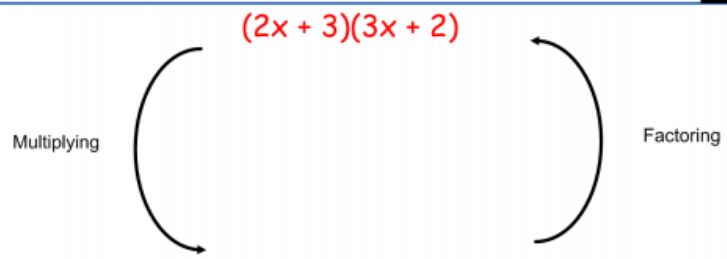


# 10.4 Factoring Trinomials

## NOTES

Write your questions here!



### Factoring with the Australian Method

Ex 1:

Key numbers  
X to a·c =  
+ to b =

Ex 2:

\*Make sure you do a quick check

Key numbers  
X to a·c =  
+ to b =

Ex 3:

Key numbers  
X to a·c =  
+ to b =

Ex 4:

\*Make sure you do a quick check

Key numbers  
X to a·c =  
+ to b =

You Try!

1)

2)

**SUMMARY:**

Now,  
summarize  
your notes  
here!



10.4 Factoring Trinomials

**PRACTICE**

Directions: Factor the trinomial.

1)  $x^2 + 4x + 3$

2)  $b^2 - 17b + 72$

3)  $2y^2 - 3y - 2$

4)  $8y^2 + 2y - 3$

5)  $6s^2 - s - 5$

6)  $m^2 - 7m - 120$

7)  $2h^2 - 5h - 3$

8)  $c^2 - 144$

9)  $4n^2 + 16n + 15$

$$10) p^2 + 20p + 64$$

$$11) x^2 + 3x - 70$$

$$12) 4n^2 - 9$$