

$\frac{1 \times 20}{2 \times 10}$

#1 $x^2 - 12x + 20$ Same

$-2 \times -10 = 20$

$-2 + -10 = -12$

$(x-2)(x-10)$

#2

#2 $y^2 + 9y + 18$ Same

$6 \times 3 = 18$

$6 + 3 = 9$

$(y+6)(y+3)$

#3

#3 $y^2 - 9yz + 14z^2$ Same

$-2 \times -7 = 14$

$-2 + -7 = -9$

$(y-2z)(y-7z)$

$\frac{1 \times 34}{2 \times 17}$

#4 $h^2 - 33h - 34$ Diff

$-34 \times +1 = -34$

$-34 + +1 = -33$

$(h-34)(h+1)$

#5 $m^2 - 19mn + 66n^2$ Diff

$-22 \times +3 = 66$ Big

$-22 + +3 = -19$

$(m-22n)(m+3n)$