

Factoring Cut-outs – Cut out each puzzle piece and reassemble so that the expressions and their factored forms match up.

$x^2+4x-21$	$x^2+3x-4$	$x^2-64$	$x^2+8x+7$
$x^2+6x+9$ <b>A</b> $(x)(3x)$ $x^2$ <b>B</b> $x^2-4$	$(x+4)(x-1)$	$(x-2)(x+2)$ <b>C</b> $x^2+7x+10$ $x^2+6x$ <b>D</b> $(x)(x)$	$(x-2)(x+4)$
$(x+2)(x+10)$	$(x+5)(x+2)$	$(x+10)(x+2)$	$(x+5)(x+4)$
$x^2-7x-18$ <b>E</b> $(x+3)^2$ $x^2+10x+25$ <b>F</b> $(3x)(x)$ $x^2-1$ <b>G</b> $(5x)(3x)$ $x^2+4x+4$ <b>H</b> $x^2+3x-4$	$(x+4)(x-1)$	$x^2+20x+100$	$(x+7)(x-3)$
$x^2+2x-8$	$x^2+7x+10$	$x^2+12x+20$	$x^2-4x-5$
$x^2-5x$ <b>I</b> $3(x+2)$ $3x+6$ <b>J</b> $x(x+6)$ $x^2+6x$ <b>K</b> $(x+2)^2$ $(x+5)(x+2)$ <b>L</b> $(x+6)(x+10)$	$(x-10)(x-4)$	$x^2+12x+20$	$x^2+9x+20$
$x^2-14x+40$	$x^2+3x-4$	$(x+9)(x-6)$	$x^2+20x+100$
$15x^2$ <b>M</b> $(x+2)(x-9)$ $3x^2$ <b>N</b> $x(x+1)$ $x^2+x$ <b>O</b> $(5x)(3x)$ $3x+6$ <b>P</b> $(x+5)^2$	$(x-8)(x+8)$	$(x+1)(x-5)$	$(x+7)(x+1)$