

Match-Up

Equivalent Quadratic Expressions

Find matching threes of equivalent quadratic expressions.

1	$x^2 + 6x$	A	$(x - 10)(x + 2)$	a	$(x + 6)^2 - 1$
2	$x^2 - 10x + 9$	B	$4x(x - 4)$	b	$\left(x - \frac{3}{2}\right)^2 - \frac{121}{4}$
3	$x^2 + 2x - 3$	C	$(x + 7)(x + 5)$	c	$(x - 5)^2 - 16$
4	$x^2 - 8x - 20$	D	$x(x + 6)$	d	$4\left(x - \frac{1}{2}\right)^2 - 16$
5	$x^2 + 6x - 7$	E	$(2x + 3)^2$	e	$(x + 3)^2 - 9$
6	$x^2 + 12x + 35$	F	$(x + 3)(x - 1)$	f	$\left(x + \frac{3}{2}\right)^2 - \frac{49}{4}$
7	$x^2 + 3x - 10$	G	$(2x - 5)(2x + 3)$	g	$4(x - 2)^2 - 16$
8	$x^2 - 3x - 28$	H	$(2x + 3)(2x - 9)$	h	$(x + 3)^2 - 16$
9	$4x^2 - 16x$	I	$(x + 5)(x - 2)$	i	$4\left(x + \frac{3}{2}\right)^2$
10	$4x^2 + 12x + 9$	J	$(x - 7)(x + 4)$	j	$(x - 4)^2 - 36$
11	$4x^2 - 4x - 15$	K	$(x - 9)(x - 1)$	k	$4\left(x - \frac{3}{2}\right)^2 - 36$
12	$4x^2 - 12x - 27$	L	$(x - 1)(x + 7)$	l	$(x + 1)^2 - 4$

1	2	3	4	5	6	7	8	9	10	11	12
D	K	F	A	L	C	I	J	B	E	G	H
e	c	l	j	h	a	f	b	g	i	d	k