1



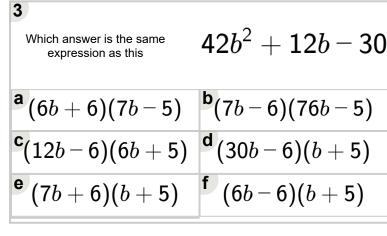
Math worksheet on 'Algebraic Functions - Factor the Quadratic Equation with Coefficient (Level 2)'. Part of a broader unit on 'Polynomials and Quadratics - Advanced'

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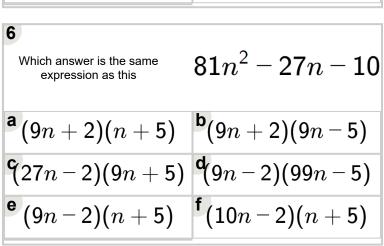
Which answer is the same expression as this	$28x^2 - 20x - 72$
a(7x-9)(x+8)	(20x-9)(7x+8)
c(4x+9)(x+8)	d(7x+9)(4x-8)
e(72x-9)(x+8)	f(4x-9)(47x-8)

US	Which answer is the same expression as this	$54d^2 - 3d - 40$
ctor the 2)'. Part ratics -	<b>a</b> (3d-5)(6d+8)	(9d+5)(d+8)
	$^{\mathbf{c}}(9d-5)(96d-8)$	$^{\mathbf{d}}(40d-5)(d+8)$
/anced/	e(6d+5)(9d-8)	(6d-5)(d+8)



Which answer is the same expression as this			
$81y^2 + 144y + 63$			
O	g + g	L44	y + 03
a	$\frac{1}{(9y+9)(y+7)}$		$\frac{1}{(9y+9)(9y+7)}$
		b	

Which answer is the same expression as this	$24z^2 - 0z - 24$
a(6z-4)(64z-6)	(6z+4)(z+6)
c(24z-4)(z+6)	d(0z-4)(4z+6)
(4z-4)(z+6)	(4z+4)(6z-6)



Which answer is the same expression as this	$20x^2 + 76x + 72$
a(5x+8)(x+9)	$^{\mathbf{b}}(4x+8)(5x+9)$
c(4x+8)(x+9)	$^{\circ}(76x-8)(4x+9)$
e(72x-8)(x+9)	f(5x+8)(54x-9)