mobius

Math worksheet on *'Algebraic Functions - Different Variable Times Bracketed Terms (Level 2)'*. Part of a broader unit on *'Polynomials and Quadratics - Practice'*

Learn online:

app.mobius.academy/math/units/polynomials_and_quadratics_practice/

1 Which answer is the same expression as this

$$b(3n + 9)$$

a	$3bn + 9b$	b	$9bn + 9$
c	$9b^2 + 9b$	d	$n^2 + 9b$
e	$bn + 3b$	f	$3bn - 9b$

2 Which answer is the same expression as this

$$y(6z + 3)$$

a	$3y^2 + 3y$	b	$6yz - 3y$
c	$6yz + 3y$	d	$z^2 + 3y$
e	$yz + 6y$	f	$3yz + 3$

3 Which answer is the same expression as this

$$y(6m + 9)$$

a	$6ym + 9y$	b	$ym + 6y$
c	$6ym - 9y$	d	$9y^2 + 9y$
e	$9ym + 9$	f	$m^2 + 9y$

4 Which answer is the same expression as this

$$n(5z + 6)$$

a	$5nz - 6n$	b	$6nz + 6$
c	$6n^2 + 6n$	d	$z^2 + 6n$
e	$nz + 5n$	f	$5nz + 6n$

5 Which answer is the same expression as this

$$2n(6 - b)$$

a	$8nb + 6n$	b	$12n - 2nb$
c	$6b - 6n$	d	$12nb + 6n$
e	$6n + nb$	f	$12nb + 6$

6 Which answer is the same expression as this

$$c(6z + 7)$$

a	$z^2 + 7c$	b	$7c^2 + 7c$
c	$6cz + 7c$	d	$7cz + 7$
e	$cz + 6c$	f	$6cz - 7c$

7 Which answer is the same expression as this

$$5c(2 - x)$$

a	$2c + cx$	b	$10cx + 2$
c	$2x - 2c$	d	$7cx + 2c$
e	$10c - 5cx$	f	$10cx + 2c$