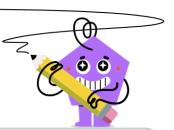# Algebraic Functions - Same Variable Times Bracketed Terms

Name

1 Which answer is the same expression as this

$$d(7 - 7d)$$

A	$7d + 2d^2$	B	$7d - 7d^2$
C	$14d - 7d^2$	D	$7d - d^2$
E	$7d - 2d$	F	$d + 7$

2 Which answer is the same expression as this

$$b(4 - 8b)$$

A	$4b + 2b^2$	B	$4b - 8b^2$
C	$b + 4$	D	$12b - 4b^2$
E	$4b - b^2$	F	$4b - 2b$

3 Which answer is the same expression as this

$$5r(r + 8)$$

A	$5r^2 + 5r$	B	$5r^2 + 40r$
C	$5r^2 - 13r$	D	$5r^2 + 13r$
E	$5r^2 - 8r$	F	$5r^2 - 40r$

4 Which answer is the same expression as this

$$d(6 - 6d)$$

A	$6d - d^2$	B	$6d - 2d$
C	$6d + 2d^2$	D	$6d - 6d^2$
E	$12d - 6d^2$	F	$d + 6$

5 Which answer is the same expression as this

$$x(5 - 5x)$$

A	$5x - 5x^2$	B	$5x - x^2$
C	$10x - 5x^2$	D	$5x + 2x^2$
E	$x + 5$	F	$5x - 2x$

6 Which answer is the same expression as this

$$3b(b + 4)$$

A	$3b^2 + 7b$	B	$3b^2 + 12b$
C	$3b^2 - 7b$	D	$3b^2 - 12b$
E	$3b^2 - 4b$	F	$3b^2 + 3b$

7 Which answer is the same expression as this

$$r(4r - 4)$$

A	$4r^2 - 8r$	B	$4r^2 - 4r$
C	$4r^2 + 8r$	D	$4r^2 - 16r$
E	$4r^2 + 4r$	F	$4r^2 + 4r$

8 Which answer is the same expression as this

$$x(2x - 7)$$

A	$2x^2 + 9x$	B	$2x^2 + 7x$
C	$2x^2 - 9x$	D	$2x^2 - 7x$
E	$2x^2 - 14x$	F	$2x^2 + 2x$