



Apply the distributive property to polynomials

1

Which answer is the same expression as this
 $2(4c + 8)$

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

2

Which answer is the same expression as this
 $x(8c - 7)$

A	$c^2 - 7x$	B	$xc - 7$
C	$7xc + 7$	D	$8x^2 + 7x$
E	$78x^2 - 7x$	F	$8xc - 7x$

3

Which answer is the same expression as this
 $(t - 7)(w - 9)$

A	$126tw - 7w - 9t - 63$
B	$tw - 7w - 9t + 63$

4

Which answer is the same expression as this
 $(w + 7)(7z + 3)$

A	$wz + 21z + 3w + 7$	B	$7wz + 49z + 3w + 7$
C	$7wz + 49z + 3w + 21$	D	$7wz + 7z + 3w + 21$
E	$3wz + 7z + 3w + 21$	F	$wz + 3z + 49w + 7$

5

Which answer is the same expression as this
 $(w + 7)(r + 3)$

A	$wr + 7r + 3w + 22$
B	$wr + 7r + 3w + 21$

6

Which answer is the same expression as this
 $(n - 9)(n + 6)$

A	$54n^2 - 3n - 54$
B	$n^2 - 3n - 54$

7

Which answer is the same expression as this
 $(z - 4)(z - 6)$

A	$z^2 + 10z - 24$	B	$z^2 + 24z - 10$
C	$z^2 - 10z + 24$	D	$z^2 - 24z + 10$
E	$24z^2 - 10z + 16$		

8

Which answer is the same expression as this
 $(p - 6)(m + 2)$

A	$pm - 6m + 2p - 12$
B	$pm + 2m - 6p - 12$



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9

Which answer is the same expression as this
 $(z - 8)(w + 5)$

A

$$zw - 8w + 5z - 40$$

B

$$80zw - 8w + 5z - 40$$

10

Which answer is the same expression as this
 $(q + 9)(3m + 3)$

A

$$3qm + 27m + 3q + 27$$

B

$$qm + 3m + 27q + 9$$

C

$$9qm + 9m + 3q + 27$$

D

$$3qm + 27m + 3q + 9$$

E

$$3qm + 9m + 3q + 27$$

F

$$qm + 27m + 3q + 9$$

11

Which answer is the same expression as this
 $(r - 4)(p - 7)$

A

$$rp - 4p - 7r + 28$$

B

$$rp - 4p - 7r + 15$$

12

Which answer is the same expression as this
 $(t + 4)(t + 7)$

A

$$t^2 + 11t + 28$$

B

$$11t^2 + 11t + 28$$