Algebraic Functions - Bracketed Terms, Squared

Name
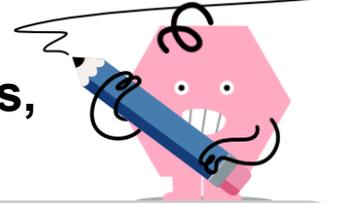
1 Which answer is the same expression as this

$$(x-3)^2$$

A	B
$x^2 - 9x + 6$	$x^2 + 4x + 9$

C	D
$x^2 - 6x + 9$	$x^2 + 9x - 6$

E	
$9x^2 - 6x + 17$	

2 Which answer is the same expression as this

$$(p-4)^2$$

A	B
$8p^2 - p + 16$	$8p^2 + p + 16$

C	D
$p^2 - 8p + 16$	$p^2 - 8p - 16$

E	
$p^2 + 16p - 8$	

3 Which answer is the same expression as this

$$(p-6)^2$$

A	B
$p^2 - 12p + 36$	$36p^2 - 12p + 10$

C	D
$p^2 - 36p + 12$	$p^2 - 12p - 36$

E	
$p^2 + 4p + 36$	

4 Which answer is the same expression as this

$$(p-2)^2$$

A	B
$p^2 - 4p + 4$	$4p^2 - 4p + 20$

C	D
$4p^2 - p + 4$	$p^2 - 4p - 4$

E	
$p^2 + 7p - 4$	

5 Which answer is the same expression as this

$$(p-7)^2$$

A	B
$p^2 - 14p + 49$	$p^2 + 0p - 49$

C	D
$14p^2 - p + 49$	$14p^2 + p + 49$

E	
$49p^2 + 14p + 21$	

6 Which answer is the same expression as this

$$(m-4)^2$$

A	B
$m^2 + 1m - 16$	$16m^2 - 8m + 10$

C	D
$m^2 - 8m + 16$	$8m^2 + m + 16$

E	
$16m^2 + 8m + 10$	

7 Which answer is the same expression as this

$$(m-5)^2$$

A	B
$10m^2 - m + 25$	$m^2 - 10m + 25$

C	D
$m^2 + 10m - 25$	$25m^2 - 10m + 17$

E	
$25m^2 + 10m + 17$	

8 Which answer is the same expression as this

$$(t-9)^2$$

A	B
$t^2 + 5t + 81$	$t^2 + 81t - 18$

C	D
$18t^2 + t + 81$	$t^2 - 18t + 81$

E	
$t^2 - 81t + 18$	