Math worksheet on *'Algebraic Functions - Remove Same Variable From Bracketed Terms (Level 1)'*. Part of a broader unit on *'Polynomials and Quadratics - Advanced'*

Learn online:
app.mobius.academy/math/units/polynomials_and_quadratics_advanced/

1 Which answer is the same expression as this

$p^2 + 9p$

a $9(p-p)$	**b** $9p-p$
c $p(p-9)$	**d** $9p+p$
e $9(p+p)$	**f** $p(p+9)$

2 Which answer is the same expression as this

$p^2 - 7p$

a $p(p+7)$	**b** $7p+p$
c $7(p-p)$	**d** $7(p+p)$
e $p(p-7)$	**f** $7p-p$

3 Which answer is the same expression as this

$b^2 + 7b$

a $7b+b$	**b** $b(b+7)$	**c** $7b-b$
d $b(b-7)$	**e** $7(b-b)$	**f** $7(b+b)$

4 Which answer is the same expression as this

$m^2 + 6m$

a $m(m-6)$	**b** $6m-m$
c $6(m+m)$	**d** $6m+m$
e $m(m+6)$	**f** $6(m-m)$

5 Which answer is the same expression as this

$z^2 - 6z$

a $z(z+6)$	**b** $z(z-6)$
c $6z+z$	**d** $6(z-z)$
e $6(z+z)$	**f** $6z-z$

6 Which answer is the same expression as this

$p^2 + 3p$

a $3(p-p)$	**b** $p(p-3)$
c $3(p+p)$	**d** $3p-p$
e $p(p+3)$	**f** $3p+p$

7 Which answer is the same expression as this

$r^2 - 9r$

a $9(r-r)$	**b** $9r-r$
c $r(r-9)$	**d** $9(r+r)$
e $r(r+9)$	**f** $9r+r$