



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

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1 Which answer is the same expression as this

$$rx - 2r$$

a  $2(r - x)$  b  $2(r + x)$

c  $x(r - 2)$  d  $x(r + 2)$

e  $r(x + 2)$  f  $r(x - 2)$

2 Which answer is the same expression as this

$$dn - 4d$$

a  $d(n - 4)$  b  $4(d + n)$

c  $d(n + 4)$  d  $4(d - n)$

e  $n(d + 4)$  f  $n(d - 4)$

3 Which answer is the same expression as this

$$rx - 7r$$

a  $r(x + 7)$  b  $7(r + x)$

c  $r(x - 7)$  d  $x(r - 7)$

e  $7(r - x)$  f  $x(r + 7)$

4 Which answer is the same expression as this

$$bm + 6b$$

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

5 Which answer is the same expression as this

$$ry - 3r$$

a  $y(r - 3)$  b  $y(r + 3)$

c  $r(y + 3)$  d  $3(r + y)$

e  $r(y - 3)$  f  $3(r - y)$

6 Which answer is the same expression as this

$$rm + 6r$$

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

7 Which answer is the same expression as this

$$nr + 6n$$

a  $n(r - 6)$  b  $6(n - r)$

c  $r(n + 6)$  d  $n(r + 6)$

e  $6(n + r)$  f  $r(n - 6)$