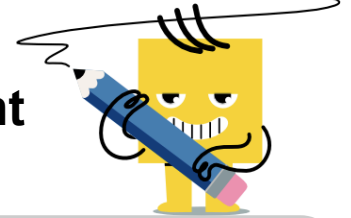# mobius

Algebraic Functions - Remove Different Variable From Bracketed Terms

1 Which answer is the same expression as this

$$15wq + 9w$$

A $3w(q-3)$		B $3w(q+3)$	
C $153(w-q)$		D $9w(q-3)$	
E $3w(5q+3)$			

2 Which answer is the same expression as this

$$10nr + 6n$$

A $103(n-r)$		B $n(r-3)$	
C $3n(r+3)$		D $2n(r-3)$	
E $2n(5r+3)$			

3 Which answer is the same expression as this

$$18qx - 30q$$

A $18q(x+5)$		B $18x(q-5)$	
C $5(q-x)$		D $5q(x+5)$	
E $6q(3x-5)$			

4 Which answer is the same expression as this

$$35nr + 21n$$

A $3(n+r)$		B $r(n+3)$	
C $7n(5r+3)$		D $7n(r-3)$	
E $7r(n-3)$			

5 Which answer is the same expression as this

$$45ym - 18y$$

A $2y(m-2)$		B $45y(m+2)$	
C $18y(m-2)$		D $m(y+2)$	
E $9y(5m-2)$			

6 Which answer is the same expression as this

$$14nz + 21n$$

A $n(z-3)$		B $143(n-z)$	
C $7n(2z+3)$		D $3(n+z)$	
E $7n(z-3)$			

7 Which answer is the same expression as this

$$18yn - 63y$$

A $9y(2n-7)$		B $7(y+n)$	
C $n(y+7)$		D $7y(n+7)$	
E $18n(y-7)$			

8 Which answer is the same expression as this

$$20yt + 8y$$

A $2(y+t)$		B $4y(5t+2)$	
C $4y(t-2)$		D $t(y+2)$	
E $y(t-2)$			

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