Name

1

Remove a common factor and factor this quadratic $-2w^2 - 12w - 16$

A $2(w+16)(w-20)$	B $2(w-4)(w+2)$
C $-2(w+4)(w-2)$	D $-2(w-4)(w-2)$
E $-2(w+4)(w+2)$	

2 Remove a common factor and factor this quadratic

$$-3x^2 - 42x - 144$$

A	$-3(x-8)(x-6)$	B	$3(x+144)(x-22)$
C	$3(x-8)(x+6)$	D	$-3(x+8)(x+6)$
E	$-3(x+8)(x-6)$		

3 Remove a common factor and factor this quadratic

$$-8m^2 - 64m - 96$$

A	$8(m+96)(m-38)$	B	$8(m-6)(m+2)$
C	$-8(m+6)(m-2)$	D	$-8(m-6)(m-2)$
E	$-8(m+6)(m+2)$		

4

Remove a common factor and factor this quadratic $-4r^2 - 44r - 72$

A $-4(r+9)(r-2)$	B $4(r+72)(r-37)$
C $-4(r+9)(r+2)$	D $-4(r-9)(r-2)$
E $4(r-9)(r+2)$	

5

Remove a common factor and factor this quadratic $-7p^2 + 49p - 84$

A $-7(p-4)(p-3)$	B $-7(p+4)(p+3)$
C $7(p-4)(p+3)$	D $-7(p+4)(p-3)$
E $7(p+84)(p-7)$	

6

Remove a common factor and factor this quadratic $-7q^2 - 63q - 126$

A $7(q-3)(q+6)$	B $-7(q+3)(q-6)$
C $7(q+126)(q--18)$	D $-7(q+3)(q+6)$
E $-7(q-3)(q-6)$	

7

Remove a common factor and factor this quadratic $-5w^2 - 5w + 30$

A $-5(w+3)(w-2)$	B $5(w-3)(w+2)$
C $-5(w+3)(w+2)$	D $5(w+30)(w-2)$
E $-5(w-3)(w-2)$	

8

Remove a common factor and factor this quadratic $-2w^2 - 2w + 84$

A $-2(w+7)(w-6)$	B $-2(w-7)(w-6)$
C $2(w+84)(w-16)$	D $-2(w+7)(w+6)$
E $2(w-7)(w+6)$	