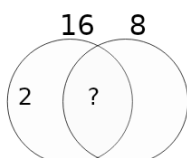


Factor a common monomial factor

- 1** Complete the factor diagram and find the GCF of these numbers.



A 50	B 8	C 33
D 1	E 10	F 2

- 2** What is the greatest common factor of these terms?

$$56q + 24$$

A q	B 24
C 8	D 3

- 3** What is the greatest common factor of these terms?

$$14r^2 - 35r$$

A 5	B 7	C $7r$
D r	E 14	

- 4** What is the greatest common factor of these terms?

$$10nm + 4n$$

A n	B $2n$
C $10m$	D $10n$

- 5** Which answer is the same expression as this $10rt + 35r$

A $t(r + 7)$	B $7r(t + 7)$
C $r(t - 7)$	D $7(r + t)$
E $5r(2t + 7)$	

- 6** Which answer is the same expression as this $14p^2 + 4p$

A $2p + p$	B $2(p - p)$
C $2p(7p + 2)$	D $2(2p + p)$
E $2(2p - p)$	

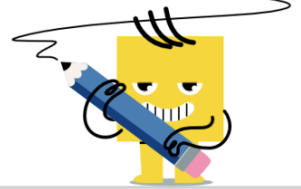
- 7** Which answer is the same expression as this $2q - 16$

A $(q^2 + 16)$	B $2(q - 8)$
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- 8** Remove a common factor from this quadratic to make it easier to factor

$$6t^2 - 60t + 96$$

A $6(t^2 + 16t - 10)$
B $6(t^2 - 10t + 16)$

**Factor a common monomial factor****9**

Which answer is the same expression as this
 $10nr + 6n$

A $n(r - 3)$

B $2n(5r + 3)$

C $103(n - r)$

D $2n(r - 3)$

E $3n(r + 3)$

10

Which answer is the same expression as this
 $56x^2 + 40x$

A $8x(7x + 5)$

B $8(x - x)$

C $x(x - 5)$

D $x^2(x - 5)$

E $5x - x$

11

Which answer is the same expression as this
 $5r - 40$

A $5(r - 8)$

B $5(r - 13)$

12

Remove a common factor from this quadratic to
make it easier to factor

$7m^2 - 63m + 98$

A $7(m^2 + 14m - 9)$

B $7(m^2 - 9m + 14)$