

**Identify equivalent expressions****1**

18×5

A $3 \times 9 \times 5$

B $3 \times 8 \times 5$

C $3 \times 6 \times 7$

D $3 \times 7 \times 5$

E $3 \times 6 \times 5$

F $3 \times 6 \times 11$

2

14×5

A $(10 \times 5) + (4 \times 5) + (5 \times 5)$

B $(10 \times 5) + (4 \times 5)$

C $(10 + 5) \times (4 + 5)$

D $(10 \times 5) + (4 + 5)$

E $(10 \times 11) + (4 \times 18)$

F $(10 + 5) + (4 \times 5)$

3

Find a composite multiplication that is the same as the factored multiplication

$2 \times 3 \times 5 \times 2 \times 3 \times 7$

A 31×37

B 28×38

C 31×41

D 30×42

E 30×40

F 30×45

4Which answer is the same expression as this
 $8(x + 8)$

A $8x - 64$

B $x^8 + 64$

C $8x + 64$

D $8x - 16$

E $8x + 16$

5Which answer is the same expression as this
 $(r + 8)(5r + 3)$

A $24r^2 + 43r + 14$

B $43r^2 + r + 24$

C $5r^2 + 43r + 24$

D $5r^2 - 43r + 24$

E $3r^2 - 24r + 43$

F $r^2 + 24r + 43$

6Which answer is the same expression as this
 $x(2x - 8)$

A $2x^2 + 8x$

B $2x^2 - 16x$

C $2x^2 - 8x$

D $x^2 - 8x$

E $2x^2 + 8x$

F $2x^2 - 10x$

7Which answer is the same expression as this
 $(w + 7)(m - 8)$

A $wm + 7m - 8w - 56$

B $wm + 8m - 7w - 56$

8Which answer is the same expression as this
 $(y - 3)(y + 8)$

A $24y^2 + 5y - 24$

B $y^2 + 5y - 24$

**Identify equivalent expressions****9**

Which answer is the same expression as this

$$y(n - 6)$$

A $yn + 6y$	B $n^2 + 6y$
C $yn - 6y$	D $n^2 - 6y$
E $yn - y$	F $yn + y$

10

Which answer is the same expression as this

$$40x - 24$$

A $8(x + 24)$	B $8(x - 40)$
C $3(8x + 24)$	D $3(8x - 40)$
E $8(5x - 3)$	

11

Which answer is the same expression as this

$$zt + 5t - 9z - 45$$

A $(z + 45)(t - 9)$	B $(z + 5)(t + 9)$
C $(z - 5)(t + 9)$	D $(z + 5)(t - 9)$
E $(z - 5)(t + 4)$	

12

Which answer is the same expression as this

$$tr - 9t$$

A $t(r - 9)$	B $r(t - 9)$
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13

Which answer is the same expression as this

$$q^2 + 3q$$

A $q^2(q + 3)$	B $q(q + 3)$
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14

Which answer is the same expression as this

$$(8r + 4)(x - 7)$$

A $8rx + 4x - 56r - 28$	B $rx + 7x - 4r - 28$
C $8rx + 28x - 7r + 4$	D $rx + 28x - 7r + 4$
E $8x - 7r - 28 - rx$	F $rx - 4x + 7r - 28$