

I can rewrite expressions using the distributive property.

Match each expression with its equivalent expression that shows the distributive property (ex:  $4 \times 9 = (4 \times 5) + (4 \times 4)$ )

1  $8 \times 9$

2  $7 \times 11$

3  $3 \times 8$

4  $4 \times 9$

5  $8 \times 8$

6  $5 \times 15$

7  $6 \times 9$

8  $3 \times 12$

9  $4 \times 7$

10  $9 \times 9$

11  $7 \times 7$

12  $5 \times 7$

A

B

C

D

E

F

$(8 \times 5) + (8 \times 4)$

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

$(7 \times 6) + (7 \times 1)$

$(5 \times 9) + (5 \times 6)$

$(4 \times 3) + (4 \times 4)$

$(3 \times 4) + (3 \times 4)$

$(6 \times 3) + (6 \times 6)$

$(9 \times 5) + (9 \times 4)$

$(5 \times 5) + (5 \times 2)$

$(3 \times 6) + (3 \times 6)$

$(8 \times 5) + (8 \times 3)$

$(7 \times 10) + (7 \times 1)$

G

H

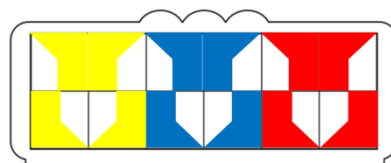
I

J

K

L

Objective: 3.OA.5 - Distributive Property



# I can rewrite expressions using the distributive property.

Match each expression with its equivalent expression that shows the distributive property. Ex:  $(4 \times 7) + (4 \times 2) = 4 \times (7 + 2)$

1  $(3 \times 4) + (3 \times 6)$

2  $(4 \times 3) + (4 \times 4)$

3  $(8 \times 5) + (8 \times 3)$

4  $(7 \times 2) + (7 \times 7)$

5  $(9 \times 6) + (9 \times 5)$

6  $(6 \times 2) + (6 \times 3)$

7  $(2 \times 6) + (2 \times 4)$

8  $(5 \times 7) + (5 \times 5)$

9  $(3 \times 4) + (3 \times 3)$

10  $(7 \times 7) + (7 \times 3)$

11  $(4 \times 4) + (4 \times 7)$

12  $(9 \times 6) + (9 \times 9)$

A

B

C

D

E

F

$9 \times (6 + 5)$

$4 \times (4 + 7)$

$7 \times (7 + 3)$

$2 \times (6 + 4)$

$9 \times (6 + 9)$

$5 \times (7 + 5)$

$8 \times (5 + 3)$

$3 \times (4 + 3)$

$7 \times (2 + 7)$

$3 \times (4 + 6)$

$6 \times (2 + 3)$

$4 \times (3 + 4)$

G

H

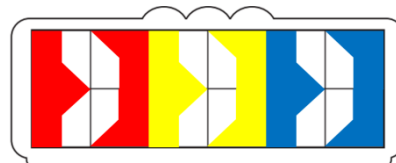
I

J

K

L

Objective: 3.OA.5 - Distributive Property



# I can solve problems using the distributive property.

Simplify each expression and solve. Ex:  $(4 \times 3) + (4 \times 4) = 12 + 16 = 28$

1  $(2 \times 6) + (2 \times 4) =$

\_\_\_\_\_ + \_\_\_\_\_ =

2  $(3 \times 5) + (3 \times 7) =$

\_\_\_\_\_ + \_\_\_\_\_ =

3  $(4 \times 4) + (4 \times 4) =$

\_\_\_\_\_ + \_\_\_\_\_ =

4  $(5 \times 3) + (5 \times 5) =$

\_\_\_\_\_ + \_\_\_\_\_ =

5  $(3 \times 9) + (3 \times 2) =$

\_\_\_\_\_ + \_\_\_\_\_ =

6  $(6 \times 6) + (6 \times 3) =$

\_\_\_\_\_ + \_\_\_\_\_ =

7  $(5 \times 4) + (5 \times 8) =$

\_\_\_\_\_ + \_\_\_\_\_ =

8  $(6 \times 5) + (6 \times 3) =$

\_\_\_\_\_ + \_\_\_\_\_ =

9  $(7 \times 5) + (7 \times 1) =$

\_\_\_\_\_ + \_\_\_\_\_ =

10  $(9 \times 4) + (9 \times 5) =$

\_\_\_\_\_ + \_\_\_\_\_ =

11  $(6 \times 2) + (6 \times 2) =$

\_\_\_\_\_ + \_\_\_\_\_ =

12  $(2 \times 3) + (2 \times 6) =$

\_\_\_\_\_ + \_\_\_\_\_ =

A

B

C

D

E

F

24

33

54

36

81

60

32

42

18

48

40

20

G

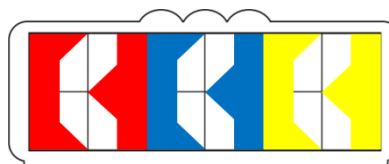
H

I

J

K

L



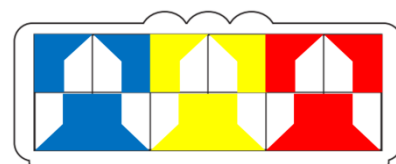
Objective: 3.OA.5 - Distributive Property

# I can use the distributive property to represent arrays.

Match each pair of arrays with the distributive property expression it represents.

1			2		
3			4		
5			6		
7			8		
9			10		
11			12		

A	B	C	D	E	F
$4 \times (3 + 4)$	$4 \times (3 + 3)$	$5 \times (6 + 5)$	$2 \times (3 + 5)$	$3 \times (7 + 3)$	$5 \times (3 + 5)$
$2 \times (2 + 7)$	$4 \times (5 + 2)$	$3 \times (3 + 7)$	$4 \times (5 + 3)$	$4 \times (4 + 2)$	$2 \times (3 + 8)$
G	H	I	J	K	L



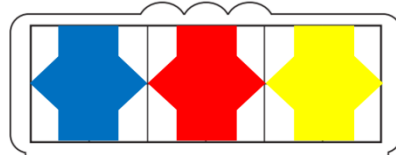
Objective: 3.OA.5 - Distributive Property

# I can use the distributive property to represent arrays.

Match each pair of arrays with the distributive property expression it represents.

1			2		
3			4		
5			6		
7			8		
9			10		
11			12		

A	B	C	D	E	F
$(4 \times 5) + (4 \times 2)$	$(2 \times 2) + (2 \times 7)$	$(2 \times 3) + (2 \times 8)$	$(4 \times 4) + (4 \times 2)$	$(4 \times 5) + (4 \times 3)$	$(3 \times 3) + (3 \times 7)$
G	H	I	J	K	L
$(4 \times 3) + (4 \times 4)$	$(4 \times 3) + (4 \times 3)$	$(3 \times 7) + (3 \times 3)$	$(5 \times 3) + (5 \times 5)$	$(5 \times 6) + (5 \times 5)$	$(2 \times 3) + (2 \times 5)$



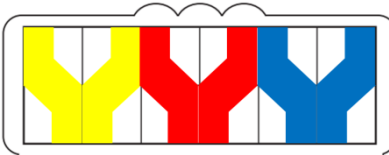
Objective: 3.OA.5 - Distributive Property

# I can use the distributive property to represent arrays.

Match each pair of arrays with the distributive property expression it represents.

1			2		
3			4		
5			6		
7			8		
9			10		
11			12		

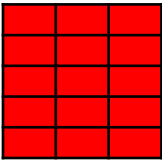

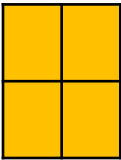
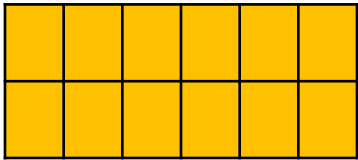
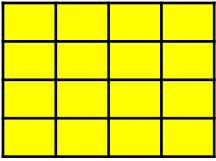
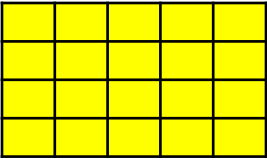
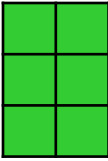
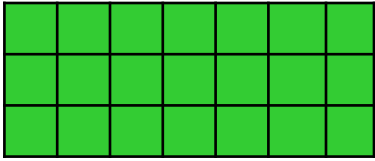


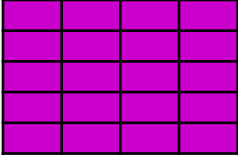
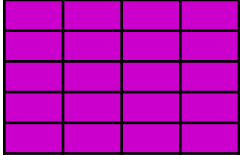


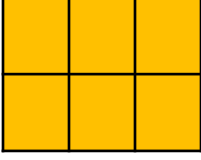
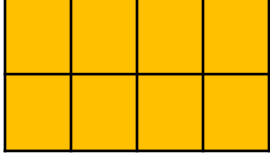
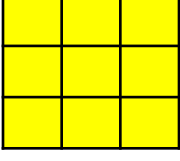
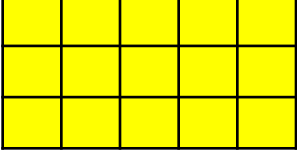
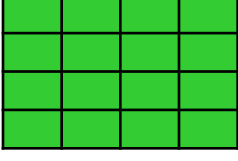
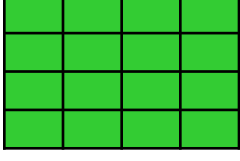




A	B	C	D	E	F
$4 \times (3 + 4)$	$4 \times (4 + 4)$	$2 \times (5 + 6)$	$5 \times (4 + 6)$	$3 \times (5 + 5)$	$2 \times (3 + 4)$
$5 \times (3 + 6)$	$3 \times (2 + 7)$	$3 \times (3 + 5)$	$4 \times (4 + 5)$	$2 \times (2 + 6)$	$5 \times (4 + 4)$
G	H	I	J	K	L



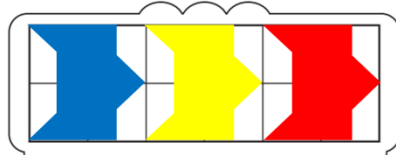
Objective: 3.OA.5 - Distributive Property

# I can use the distributive property to represent arrays.

Match each pair of arrays with the distributive property expression it represents.

1			2		
3			4		
5			6		
7			8		
9			10		
11			12		

A	B	C	D	E	F
$(5 \times 4) + (5 \times 4)$	$(2 \times 3) + (2 \times 4)$	$(3 \times 2) + (3 \times 7)$	$(4 \times 4) + (4 \times 4)$	$(4 \times 4) + (4 \times 5)$	$(5 \times 4) + (5 \times 6)$
G	H	I	J	K	L
$(3 \times 5) + (3 \times 5)$	$(2 \times 2) + (2 \times 6)$	$(4 \times 3) + (4 \times 4)$	$(5 \times 3) + (5 \times 6)$	$(2 \times 5) + (2 \times 6)$	$(3 \times 3) + (3 \times 5)$



Objective: 3.OA.5 - Distributive Property