

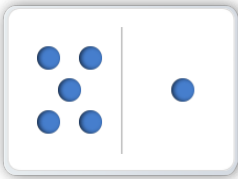
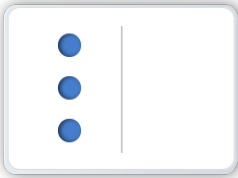
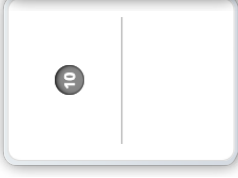
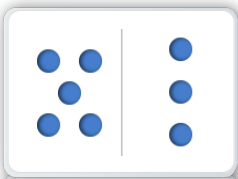
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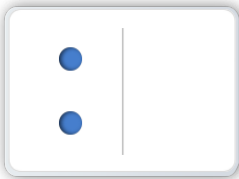
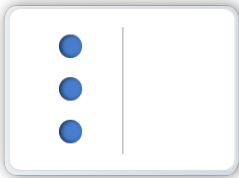

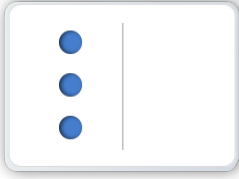
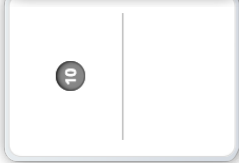
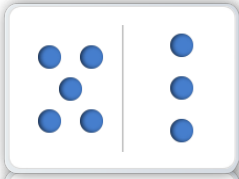


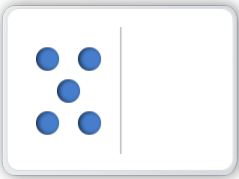
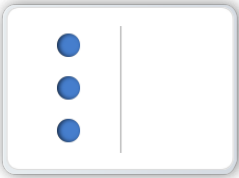
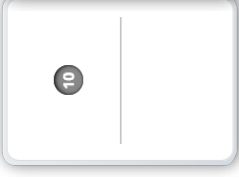
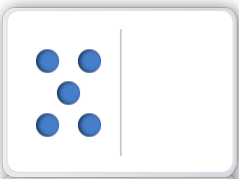
Draw the missing dot card to make both equal.

Example

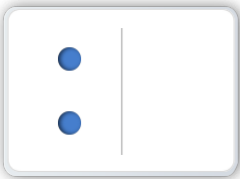
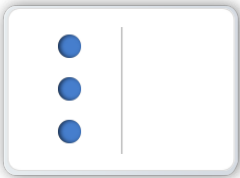

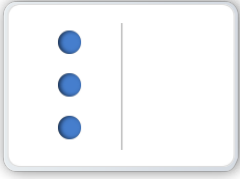
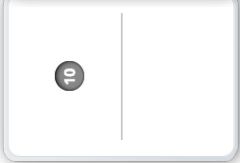
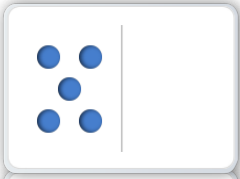

 \times

 $=$

 $=$


2 groups of 3 and 4 groups of 3 make 18


 \times

 $+$

 \times

 $=$

 $=$



 \times

 $=$

 $=$


2 groups of 3 and how many more groups of 3 make 15?


 \times

 $+$

 \times

 $=$

 $=$


ANSWER KEY

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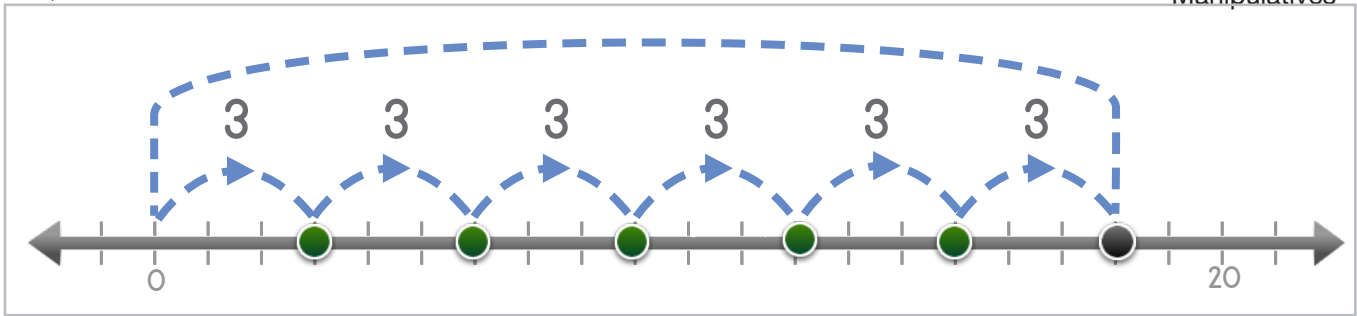
Name: _____ Date: _____

Draw the jumping dots and numbers to make the totals match.

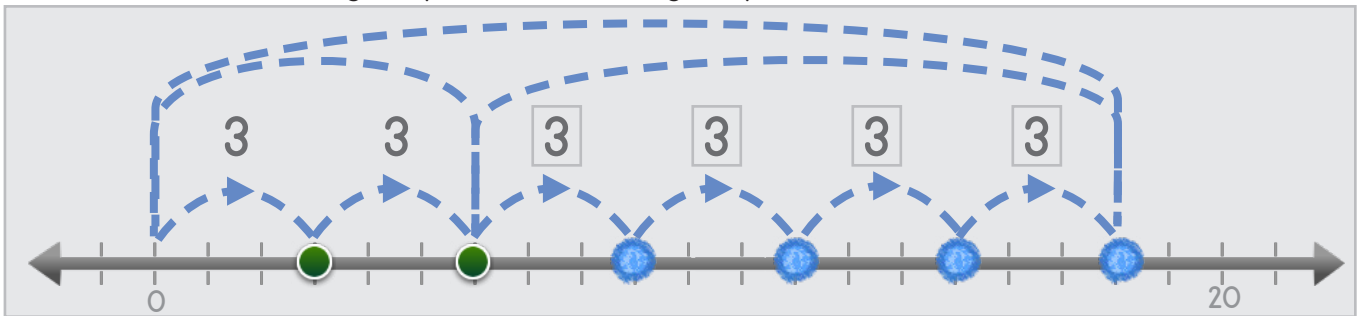


Manipulatives

Example



2 groups of 3 and 4 groups of 3 make 18.



1

2 groups of 4 and how many more groups of 4 make 20?

ANSWER KEY

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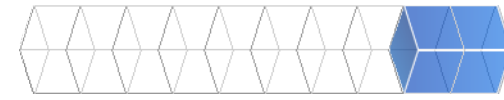
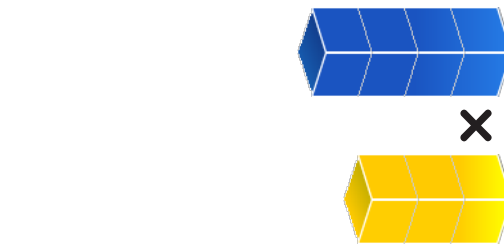
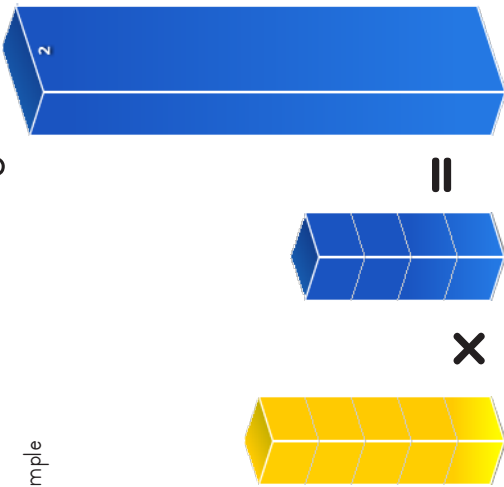




Manipulatives

Draw the missing bar to make the totals match.

Example



3 groups of 4 and 2 groups of 4 make 20.

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Draw the missing dot card and number.

1

| | | | | | | |
|--------------|----------|-----|----------|-----|----------|------|
| | \times | | $=$ | | $=$ | |
| | \times | | $+$ | | \times | |
| 2×3 | $+$ | 3 | \times | 3 | $=$ | 15 |

2

| | | | | |
|--------------|----------|-----|----------|------|
| | \times | | $=$ | |
| | $+$ | | \times | |
| 3×4 | $+$ | 2 | \times | 4 |
| 3×4 | $+$ | 2 | \times | 20 |

ANSWER KEY

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Name: _____ Date: _____

Draw the jumping dots and numbers to make the totals match.



Manipulatives and Symbols

1

$2 \times 4 + 3 \times 4 = 20$

ANSWER KEY

2

$2 \times 3 + 4 \times 3 = 18$

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Draw the missing bar and numbers to make the totals match.

1

=

x

=

x

=

=

x

+ 3 x 2 + 3 x 2 = 12

2

=

x

+ 2 x 4 + 3 x 4 = 20

x

+ 2 x 4 + 3 x 4 = 20

=

x

+ 2 x 4 + 3 x 4 = 20

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Name: _____ Date: _____



Symbols

Fill in the boxes for each number fact.

$$3 \times 2 + \boxed{2} \times 2 = 10$$

$$2 \times 1 + \boxed{3} \times 1 = 5$$

$$4 \times 2 + \boxed{3} \times 2 = 14$$

$$5 \times 3 + \boxed{1} \times 3 = 18$$

$$2 \times 4 + \boxed{3} \times 4 = 20$$

$$3 \times 4 + \boxed{2} \times 4 = 20$$

$$1 \times 4 + \boxed{3} \times 4 = 16$$

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