hand2mind

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Math Activities

Grade 3, Week 1

Multiplication

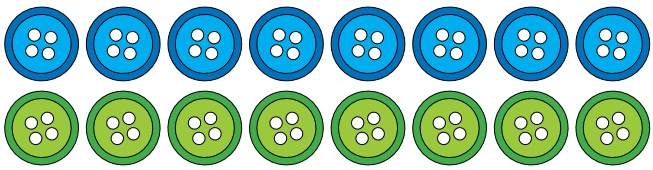
The Answer Key for this week's lessons can be found at:

Printable
Answer Key
hand2mind-link.com/M3-AK-W1

Day 1

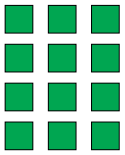
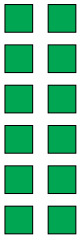
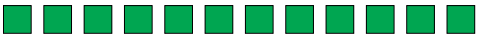
Watch the **Day 1 Lesson**
hand2mind-link.com/M3W1D1

Find each product. Draw the array that models the multiplication fact. Use counters (such as color tiles, paper clips, cereal, etc.) to help, if available.

 1. $8 \times 2 =$ _____	2. $6 \times 6 =$ _____
3. $3 \times 5 =$ _____	4. $8 \times 4 =$ _____
5. $5 \times 9 =$ _____	6. $7 \times 7 =$ _____
7. $4 \times 6 =$ _____	8. $3 \times 8 =$ _____
9. $9 \times 4 =$ _____	10. $5 \times 7 =$ _____

Day 1 (continued)

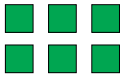
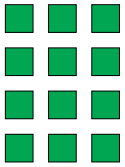
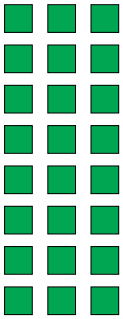
Solve the multiplication problem. Draw an array that models the product. Then, draw two other possible arrays for that multiplication fact.

Problem	Array 1	Array 2	Array 3
3 x 4 = 12			
3 x 6 = ___			
4 x 4 = ___			
6 x 5 = ___			
8 x 5 = ___			
4 x 9 = ___			

Day 2

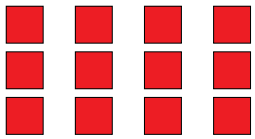
Watch the **Day 2 Lesson**
hand2mind-link.com/M3W1D2

Solve the multiplication problem. Draw an array that models the multiplication fact. Then, double the array. Then, double the array again.

Array 1	Array 2	Array 3
 3 x 2 = 6	 3 x 4 = 12	 3 x 8 = 24
4 x 2 = ___	4 x 4 = ___	4 x 8 = ___
5 x 2 = ___	5 x 4 = ___	5 x 8 = ___
8 x 2 = ___	8 x 4 = ___	8 x 8 = ___
7 x 2 = ___	7 x 4 = ___	7 x 8 = ___
6 x 2 = ___	6 x 4 = ___	6 x 8 = ___

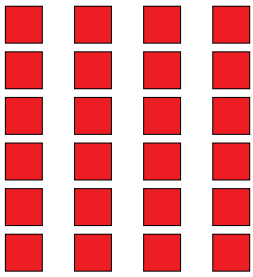
Day 2 (continued)

Write a multiplication sentence for each array shown. Write a second multiplication sentence to show the number of tiles if you double each array. Use counters (such as color tiles, paper clips, cereal, etc.) to help, if available.

1. 

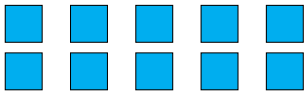
first array: _____ × _____ = _____

second array: _____ × _____ = _____

2. 

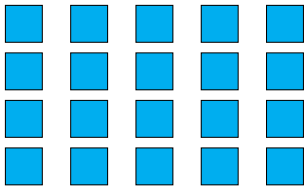
first array: _____ × _____ = _____

second array: _____ × _____ = _____

3. 

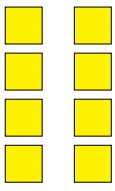
first array: _____ × _____ = _____

second array: _____ × _____ = _____

4. 

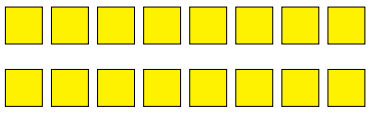
first array: _____ × _____ = _____

second array: _____ × _____ = _____

5. 

first array: _____ × _____ = _____

second array: _____ × _____ = _____

6. 

first array: _____ × _____ = _____

second array: _____ × _____ = _____

Day 3

Decoder Puzzle

Watch the **Day 3 Lesson**
hand2mind-link.com/M3W1D3

Multiply to find the product for each letter below. Write the letter in the puzzle that matches each product.

For example, find the product for letter B.
$7 \times 20 = 140$

Write the letter B in the puzzle each time you see 140. Match the other letters to the correct product.

B 7×20	E 8×30	F 5×40	G 7×50	I 6×60	L 5×80	M 4×70	N 3×90
O 2×80	P 9×50	S 8×60	T 7×30	U 6×30	V 4×80	Y 2×60	

____ ____ ____ ____ ____
360 400 160 320 240

____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____
280 180 400 210 360 450 400 120 360 270 350

B ____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____
140 120 280 180 400 210 360 450 400 240 480

____ ____ ____ ____ ____ !
160 200 210 240 270

Day 3 (continued)

Draw a line from each problem to its answer.

5 x 50	80
9 x 30	420
1 x 80	200
8 x 60	400
9 x 70	250
6 x 70	270
4 x 50	140
7 x 20	480
5 x 80	630

Day 4

Watch the **Day 4 Lesson**
hand2mind-link.com/M3W1D4

Cut out the answers to the multiplication problems on the bottom and glue them into the correct spot.

4 x 5 =	
5 x 7 =	
2 x 5 =	
6 x 5 =	
5 x 1 =	
8 x 5 =	
9 x 5 =	
5 35 45 20 10 40 30	

Day 4 (continued)

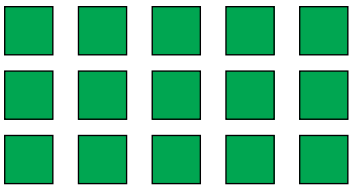
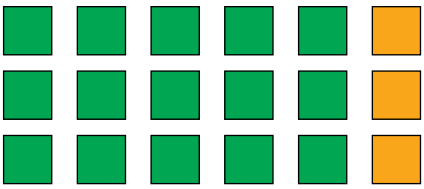
Complete the below multiplication problems.

5	x	5	=					
5	x		=	45				
	x	6	=	42				
5	x	2	=					
	x	5	=	5				
9	x	5	=					
	x	5	=	15				
5	x		=	20				
5	x	7	=					

Day 5

Watch the
Day 5 Lesson
hand2mind-link.com/M3W1D5

Uses five facts to help solve these problems.
Draw an array that models the multiplication fact.
Then, double the array. Then, double the array again.

Array 1	Array 2
 $3 \times 5 =$ 15	 $3 \times 6=$ 18
$6 \times 5 =$ _____	$6 \times 6 =$ _____
$5 \times 2 =$ _____	$4 \times 2 =$ _____
$8 \times 5 =$ _____	$8 \times 4 =$ _____
$7 \times 5 =$ _____	$6 \times 7 =$ _____

Day 5 (continued)

Solve each problem using five facts.
Draw the array that helped you solve it.

Array 1	Array 2
$6 \times 3 =$ _____	$8 \times 4 =$ _____
$4 \times 4 =$ _____	$6 \times 4 =$ _____
$9 \times 6 =$ _____	$6 \times 2 =$ _____
$7 \times 4 =$ _____	$6 \times 8 =$ _____
$6 \times 7 =$ _____	$4 \times 9 =$ _____