


teach@home

Math Activities

Grade 3, Week 1

Multiplication

Day	Topic	Pages
Day 1	<u>Understanding Multiplication</u>	2-3
Day 2	<u>Multiplication Strategies–Doubles</u>	4-5
Day 3	<u>Multiplication Strategies–Use Ten Times</u>	6-7
Day 4	<u>Multiplication Strategies–Use Five Times</u>	8-9
Day 5	<u>Multiplication Strategies–Use Partial Products</u>	10-11

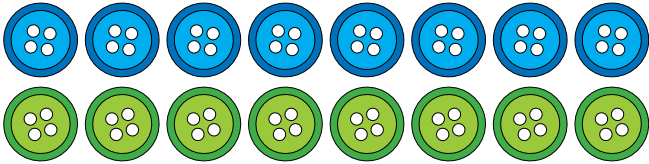


Use this packet of activities to help children practice their Language Arts skills.

For video lessons and additional resources, visit hand2mindathome.com

Day 1

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. $4 \times 6 =$ _____

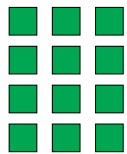
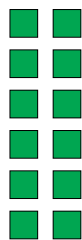

8. $3 \times 8 =$ _____

9. $9 \times 4 =$ _____

10. $5 \times 7 =$ _____

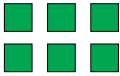
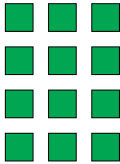
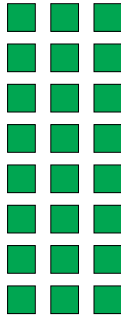
Day 1 (Cont'd)

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

Problem	Array 1	Array 2	Array 3
$3 \times 4 = \underline{12}$			
$3 \times 6 = \underline{\quad}$			
$4 \times 4 = \underline{\quad}$			
$6 \times 5 = \underline{\quad}$			
$8 \times 5 = \underline{\quad}$			
$4 \times 9 = \underline{\quad}$			

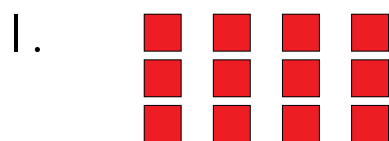
Day 2

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

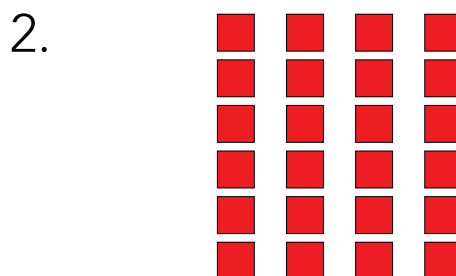
Array 1	Array 2	Array 3
 $3 \times 2 = \underline{6}$	 $3 \times 4 = \underline{12}$	 $3 \times 8 = \underline{24}$
$4 \times 2 = \underline{\quad}$	$4 \times 4 = \underline{\quad}$	$4 \times 8 = \underline{\quad}$
$5 \times 2 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$	$5 \times 8 = \underline{\quad}$
$8 \times 2 = \underline{\quad}$	$8 \times 4 = \underline{\quad}$	$8 \times 8 = \underline{\quad}$
$7 \times 2 = \underline{\quad}$	$7 \times 4 = \underline{\quad}$	$7 \times 8 = \underline{\quad}$
$6 \times 2 = \underline{\quad}$	$6 \times 4 = \underline{\quad}$	$6 \times 8 = \underline{\quad}$

Day 2 (Cont'd)

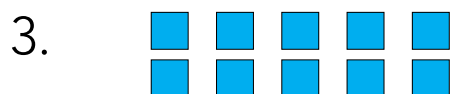
Write a multiplication sentence for each array shown. Write a second multiplication sentence to show the number of tiles if you double each array. Use counters (such as color tiles, paper clips, cereal, etc.) to help, if available.



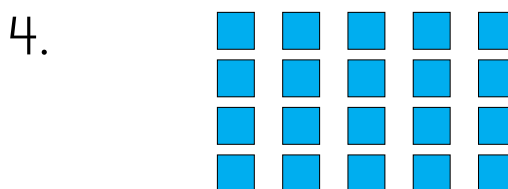
first array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
second array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



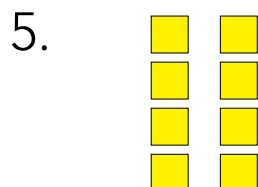
first array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
second array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



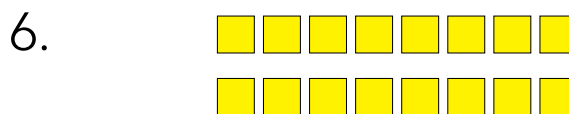
first array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
second array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



first array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
second array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



first array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
second array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



first array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
second array: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Day 3

Decoder Puzzle

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 (Cont'd)

Draw a line from each problem to its answer.

5×50

80

9×30

420

1×80

200

8×60

400

9×70

250

6×70

270

4×50

140

7×20

270

5×80

630

Day 4

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

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{4} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} =$$

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{7} \end{array} =$$

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{2} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} =$$

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{6} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} =$$

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{1} \end{array} =$$

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{8} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} =$$

$$\begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{9} \end{array} \times \begin{array}{c} \text{leaf} \\ \diagup \quad \diagdown \\ \text{5} \end{array} =$$

						
---	---	---	---	--	---	---

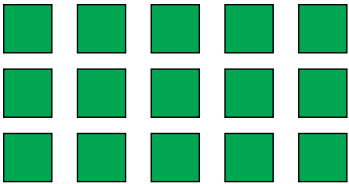
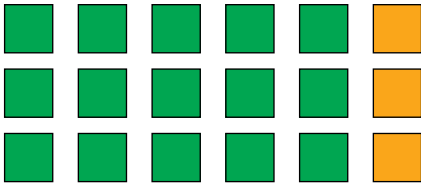
Day 4 (Cont'd)

Complete the below multiplication problems.

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

Day 5

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
 $3 \times 5 = \underline{\hspace{2cm}} \textcolor{violet}{15}$	 $3 \times 6 = \underline{\hspace{2cm}} \textcolor{violet}{18}$
$6 \times 5 = \underline{\hspace{2cm}}$	$6 \times 6 = \underline{\hspace{2cm}}$
$5 \times 2 = \underline{\hspace{2cm}}$	$4 \times 2 = \underline{\hspace{2cm}}$
$8 \times 5 = \underline{\hspace{2cm}}$	$8 \times 4 = \underline{\hspace{2cm}}$
$7 \times 5 = \underline{\hspace{2cm}}$	$6 \times 7 = \underline{\hspace{2cm}}$

Day 5 (Cont'd)

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

Array 1	Array 2
$6 \times 3 = \underline{\hspace{2cm}}$	$8 \times 4 = \underline{\hspace{2cm}}$
$4 \times 4 = \underline{\hspace{2cm}}$	$6 \times 4 = \underline{\hspace{2cm}}$
$9 \times 6 = \underline{\hspace{2cm}}$	$6 \times 2 = \underline{\hspace{2cm}}$
$7 \times 4 = \underline{\hspace{2cm}}$	$6 \times 8 = \underline{\hspace{2cm}}$
$6 \times 7 = \underline{\hspace{2cm}}$	$4 \times 9 = \underline{\hspace{2cm}}$