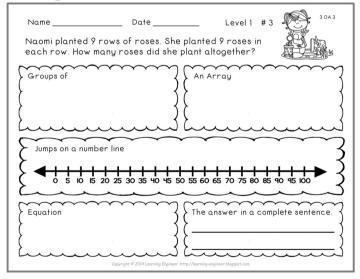
One Step Multiplication Word Problems Level 2

Helps Students to Visualize & Understand How and Why Multiplication Works

- Groups Of
- An Array
- Equation
- Number Lines
- A Sentence

Using Products of 100 or Less



Learning

Engineer

This set includes twelve multiplication problems. For each problem students will show the answer as groups of, an array, jumps on a number line, an equation and in a sentence.

Using multiple strategies to find and show the answer helps students to visualize and understand how and why multiplication works.

These come with two versions of number lines. One with numbers and one without for students to fill out.

All the problems in this set have products of 100 or less. There are three problems where students need to find the missing factor.

Developing understanding of multiplication strategies is one of the four critical areas for third grade math instruction according to the Common Core standards. The standards expect students to solve word problems using equal groups, arrays, drawings and equations (3.OA.A3). These word problems will help students meet this standard while preparing them to use the area model later on. Plus, they have some cute graphics and my kids really enjoy doing them!

The next two pages show examples of completed worksheets.

Each problem comes with number lines that count by 5's and an open number line.

Name Max Date 11/29/17 Level 2 # 3 3.0A.3
Naomi planted 9 rows of roses. She planted 9 roses in each row. How many roses did she plant altogether?
Groups of An Array An Array
Jumps on a number line 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Equation The answer in a complete sentence. Naomi planted 81 roses altagether.

This is the open number line for students to fill in.

Name Max Date $11/29/17$ Level 2 # 3 Naomi planted 9 rows of roses. She planted 9 roses in
each row. How many roses did she plant altogether?
Groups of An Array An Array An Array An Array
Jumps on a number line, 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Equation The answer in a complete sentence. Naomi planted 81 roses altogether.

Name	Date	Level 2 # 1	
Bailey made 5 b How many bead	racelets. Each braces did Baily use?	elet has 12 beads.	
Groups of		An Array	
Jumps on a num	ber line		3
0 5 10 15	20 25 30 35 40 45 50	55 60 65 70 75 80 85	90 95 100
Equation		The answer in a comp	olete sentence.

Bailey made 5 bracelets. Each bracelet has 12 beads. How many beads did Baily use? An Array Jumps on a number line	フ
	7
Jumps on a number line	}
	3
	3
Equation The answer in a complete sentence.	7

Name	Date	Level 2	# 2
	oought 56 watercolor How many boxes did sł	•	000000
Groups of		An Array	
Jumps on a num	ber line		$\overline{}$
0 5 10 15	5 20 25 30 35 40 45 5	0 55 60 65 70 75 80	85 90 95 100
Equation	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	The answer in a	complete sentence.

Name	Date	Level 2	# 2
	bought 56 watercolor p How many boxes did sh		00000
Groups of		An Array	
Jumps on a num	nber line		3
			3
Equation		The answer in a	complete sentence.
} ······			

Name	Date	Level 2 # 3	3.0A.3
Naomi planted 9 row each row. How many	•		
Groups of		An Array	
Jumps on a number li	 	55 60 65 70 75 80 85	90 95 100
Equation	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	The answer in a con	nplete sentence.

Name	Date	Level 2 #	3 3.0A.3
•	9 rows of roses. She pla many roses did she pla		
Groups of		An Array	
Jumps on a num	ber line		→
Equation		The answer in a co	mplete sentence.

Name	Date		Level 2	# 4		3.OA.3
Brayden saw 13 How many legs o	dogs at the park. altogether?	Each dog	had 4 leg	gs.		
Groups of		An Ari	ray	~		
Jumps on a num	ber line					$\widetilde{}$
0 5 10 15	5 20 25 30 35 40 45	50 55 60 65	5 70 75 80	85 90	0 95 100	> }
Equation		The an	swer in a	compl	ete sente	ence.

Name	Date	_ Level 2	# 4
Brayden saw 13 How many legs	3 dogs at the park. Each altogether?	dog had 4 leg	S.
Groups of		An Array	
Jumps on a num	nber line		3
			3
Equation	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	he answer in a c	complete sentence.

Level 2 # 5

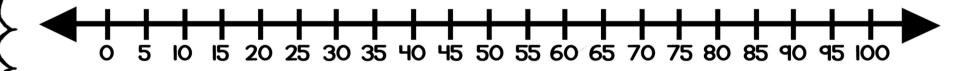
Manpreet bought 8 bags of toys. There were 8 toys in each bag. How many toys did she buy altogether?



Groups of

An Array

Jumps on a number line



Equation

The answer in a complete sentence.

Name	Date	Level 2 # 5	3.0A.3
	ght 8 bags of toys. There v many toys did she buy o		
Groups of		An Array	
Jumps on a nu	mber line		3
			3
Equation		The answer in a comple	ete sentence.

3.OA.3

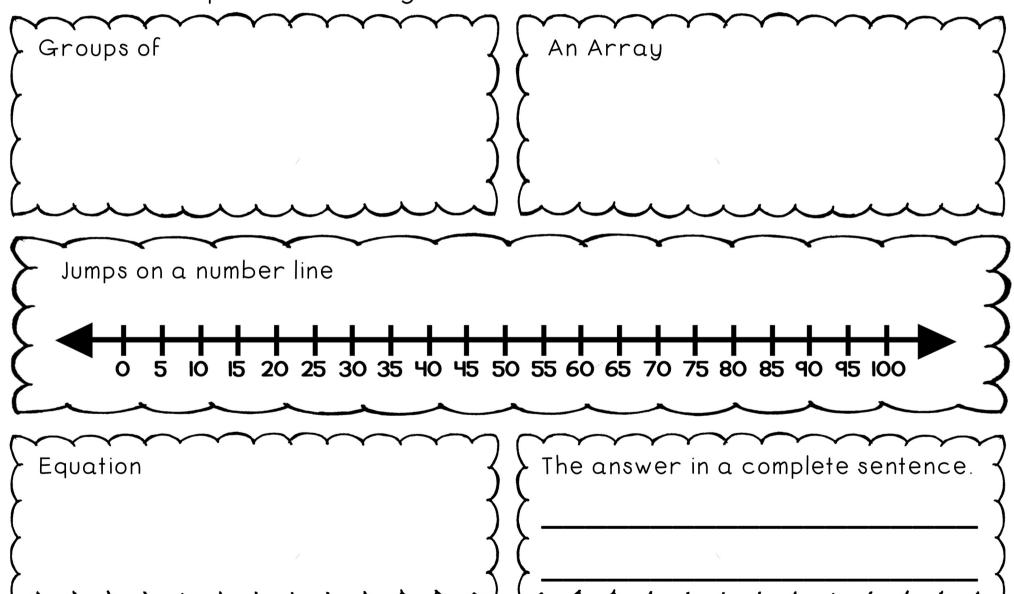
Name

Date

Level 2 # 6

Jennifer brought 60 cans for the canned food drive. She put equal amounts of cans into 6 bags. How many cans did she put in each bag?





Name	Date	Level 2	# 6 Chelson	3.OA.3
	nt 60 cans for the can mounts of cans into 6 t in each bag?		Neell	
Groups of		An Array		
Jumps on a num	ber line			→ }
Equation		The answer in a	complete sen	itence.

Name	Date		Level 2	#7	3.OA.3
	5 apples. Each apples were there altoge		eds in it.		
Groups of		An Arr	ay		
Jumps on a num	iber line				
0 5 10 15	5 20 25 30 35 40 45 5	50 55 60 65	70 75 80	85 90 95	5 100
Equation	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	The ans	wer in a	complete	sentence.

Name	Date	Leve	el2 #7	3.OA.3
_	apples. Each apples were there altoge		in it.	
Groups of		An Array		
Jumps on a num	ber line			3
				3
Equation		The answer	in a complet	e sentence.

Name	Date	Level	2 # 8	3.OA.3
Isaac bought 9 pa 7 pens. How many	ckages of pens. E pens did Isaac b	. •	ad	
Groups of		An Array		
Jumps on a number	er line			3
0 5 10 15 2	20 25 30 35 40 45 5	0 55 60 65 70 75	80 85 90	95 100
Equation	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	The answer in	a comple	ete sentence.

Name	Date	Level2 #8	3.OA.3
Isaac bought 9 packag 7 pens. How many pens	•	ckage had	
Groups of	An Ai	rray	
Jumps on a number line			$\overline{}$
			3
Equation	The a	nswer in a comp	lete sentence.

Name	Date	Level 2	# 9	3.OA.3
	ride her scooter. S ry week. How many weeks?)
Groups of		An Array		
Jumps on a numb	per line			$\widetilde{}$
0 5 10 15	20 25 30 35 40 45 5	0 55 60 65 70 75 8	80 85 90 95 100	> }
Equation		The answer in a	complete sent	ence.
	· · · · · · · · · · · · · · · · · · ·			}

Name	Date	_ Level 2 # 9	
	ide her scooter. She r y week. How many hour weeks?		
Groups of		An Array	
Jumps on a numb	er line		3
			3
Equation		he answer in a comp	elete sentence.

Name	Date	Level 2	# 10 3.0A.3
	00 to buy 11 books. The unt. How much did eac		
Groups of		An Array	
Jumps on a nu	mber line		3
0 5 10	15 20 25 30 35 40 45 50	55 60 65 70 75 80	85 90 95 100
<pre>Equation</pre>	Ź	The answer in a	complete sentence.

Name	Date	Level 2	# 10 (3.0A.3
•	0 to buy 11 books. The b nt. How much did each		
Groups of		An Array	
Jumps on a nur	mber line		
			3
Equation	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	The answer in a	complete sentence.
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		

Name	Date	Leve	2 # 11	3.0A.3
	ide his bike. He rod 7 days. How many m			
Groups of		An Array		
Jumps on a num	ber line			3
0 5 10 15	5 20 25 30 35 40 45	50 55 60 65 70 75	5 80 85 90	95 100
Equation		The answer in	n a comple	ete sentence.
			<u> </u>	

Name	Date	Level 2 # 11	
	ride his bike. He rode his 9 days. How many miles d		
Groups of		n Array	
Jumps on a nur	nber line		3
			3
Equation	Th	ne answer in a comple	ete sentence.

3.OA.3

Name	Date	Level 2	3.0A.3
	ks. Sophia has 10 time any books does Soph		
Groups of		An Array	
Jumps on a num	ber line		3
0 5 10 15	5 20 25 30 35 40 45 50	0 55 60 65 70 75 80	85 90 95 100
Equation		The answer in a	complete sentence.
Luci	Luci		

Name	Date	Level 2	
Mike has 8 books. Sophia has 10 times as many books as Mike. How many books does Sophia have?			
Groups of		An Array	
Jumps on a nu	mber line	* * *	3
			3
Equation	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	The answer in a	complete sentence.
	\(\tag{\tag{\tag{\tag{\tag{\tag{\tag{		

Thank you for purchasing the One Step Level 2 Multiplication problems!

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