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0-12 Multiplication Control of the function Multiplication Control of the function Control	8 89 90 by 8s six chart. Image: Chart. array. Image: Chart.









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Multiplication Facts Booklet

In all of my years teaching, I don't think I've spent more time or energy on any academic other than multiplication facts. I am a firm believer that understanding multiplication facts is essential for student success in third grade and beyond, and that these facts should be taught through a combination of conceptual lessons and skills practice. I'm thrilled to introduce these multiplication practice booklets, that are sure to help your students learn their multiplication facts!

This pack consists of eight booklets that help teach multiplication facts. There is a booklet for the 2 facts-12 facts. Each booklet has students practice their multiplication facts through 12. You can use these booklets as morning work, extra practice for early finishers, or even homework. The possibilities are endless!

To create a booklet, print a particular set of facts. Cut each paper in half and staple on the left column, and you're ready! Inside the booklet, students will have to represent each multiplication fact in a variety of ways: repeated addition, array, hundreds chart, and grouping model. The last two pages include multiplication problems that can be cut out and used as flash cards.



1 2 3 4 5 6 7 8 9 10	
II 12 13 IH 15 16 17 18 19 20	
21 22 23 24 25 26 27 28 29 30	
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	
71 72 73 74 75 76 77 78 79 80	e
81 82 83 84 85 86 87 88 89 90	Model and solve 2x2 with repeated addition
91 92 93 94 95 96 97 98 99 100	
Show how to skip count by 2s two	· ·
times on the hundreds chart.	
Represent with an array.	There are groups of There are in each group.
I 2 3 4 5 6 7 8 9 10 II 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	20 20
71 72 73 74 75 76 77 78 79 80	
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Show how to skip count by 2s	Model and solve 2x3 with repeated addition.
three times on the hundreds chart.	
Represent with an array.	
	There are groups of

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1 2 3 4 5 6 7 8 9 10	
II 12 13 IH 15 16 17 18 19 20	
21 22 23 24 25 26 27 28 29 30	
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	
71 72 73 74 75 76 77 78 79 80	e
81 82 83 84 85 86 87 88 89 90	Model and solve 2x4 with repeated addition
91 92 93 94 95 96 97 98 99 100	
Show how to skip count by 2s four	· ·
times on the hundreds chart.	
Represent with an array.	
	and and a stranger an
	+ +
	There are groups of
	mene are in each group.
	\frown
1 2 3 4 5 6 7 8 9 10	$\langle \rangle \langle \rangle \rangle = \square$
11 12 13 14 15 16 17 18 19 20	2/2 < 515
21 22 23 24 25 26 27 28 24 30	
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
6 6 62 63 64 65 66 67 68 69 70	8
71 72 73 74 75 76 77 78 79 80	000000000000000000000000000000000000000
81 82 83 84 85 86 87 88 89 90	 Model and solve 2x5 with repeated addition.
9 92 93 94 95 96 97 98 99 00	
Show how to skip count by 2s five	*
times on the hunareas chart.	
Represent with an appay	
Represent with an anay.	
1 1	
	There are groups of
X.	There are groups of There are in each group.

1 2 3 4 5 6 7 8 9 10	
II 12 13 IH 15 16 17 18 19 20	
21 22 23 24 25 26 27 28 29 30	$r 4 \langle \rangle \langle 0 \rangle [$
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
6 6 62 63 64 65 66 67 68 69 70	900
71 72 73 74 75 76 77 78 79 80	©
81 82 83 84 85 86 87 88 89 40	Model and solve 2x6 with repeated addition.
4 42 43 44 45 46 47 48 44 00	
times on the hundreds chart.	• • • • • • • • • • • • • • • • • • • •
Represent with an array.	There are groups of There are in each group.
I 2 3 4 5 6 7 8 9 10 II 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	2337日
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	8
71 72 73 74 75 76 77 78 79 80	000000000000000000000000000000000000000
8 82 83 84 85 86 87 88 84 40	 Model and solve 2x7 with repeated addition.
4 42 43 44 45 46 47 48 44 100	•
show now to skip could by 2s seven times on the hundreds chart.	
Represent with an array.	
X. X	 There are groups of There are in each group.

1 2 3 4 5 6 7 8 9 10	
II 12 13 IH 15 16 17 18 19 20	$\gamma \wedge \gamma \wedge \gamma = 1$
21 22 23 24 25 26 27 28 29 30	(1)
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	
71 72 73 74 75 76 77 78 79 80	e <u>eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee</u>
81 82 83 84 85 86 87 88 89 90	Model and solve 2x8 with repeated addition
91 92 93 94 95 96 97 98 99 100	
Show how to skip count by 2s eight	· · ·
times on the hundreds chart.	
Represent with an array.	1 ARAR ARAR +
	There are groups of
	here are in each group.
1 2 3 4 5 6 7 8 9 10	
II 12 13 14 15 16 17 18 19 20	
21 22 23 24 25 26 27 28 29 30	
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	
71 72 73 74 75 76 77 78 79 80	0.000000000000000000000000000000000000
81 82 83 84 85 86 87 88 89 90	 Model and solve 2x9 with repeated addition.
91 92 93 94 95 96 97 98 99 100	· ·
Show how to skip count by 2s nine	• • • • • • • • • • • • • • • • • • • •
times on the hundreds chart.	
Depresent with an appart	En Sun Sun Sun
kepi esent with an array.	
	+ Swall Swall Swall
	1 Strip Strip Strip / Strip Strip / 1
	There are groups of
k. ä	There are in each group.

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1 2 3 4 5 6 7 8 9 10	\square
11 12 13 14 15 16 17 18 19 20	$2/\sqrt{10}$
21 22 23 24 25 26 27 28 29 30	
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	
71 72 73 74 75 76 77 78 79 80	e <u>eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee</u>
81 82 83 84 85 86 87 88 89 90	Model and solve 2x10 with repeated addition
91 92 93 94 95 96 97 98 99 100	
Show how to skip count by 2s ten	•
times on the hundreds chart.	
Represent with an array.	There are groups of There are in each group.
I 2 3 4 5 6 7 8 9 IO II I2 I3 I4 I5 I6 I7 I8 I9 20 2I 22 23 24 25 26 27 28 29 30 3I 32 33 34 35 36 37 38 39 40	2330日
41 42 43 44 45 46 47 48 49 50	Rewrite using the commutative property.
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	8
71 72 73 74 75 76 77 78 79 80	C
81 82 83 84 85 86 87 88 89 90	Model and solve 2xll with repeated addition.
9 92 93 94 95 96 97 98 99 00	· · ·
Show how to skip count by 2s	
eleven times on the hundreds chart.	
Represent with an array.	
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... X...

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There are _____ groups of _____. There are _____ in each group. j



I know my 2 facts!

2×4=	2×3=	2× 2=
2×9=	2×6=	2×8=
2×I=	2×I=	2×6=
2× 2=	2×7=	2x4=
2x5=	2x4=	2x5=
2×8=	2× =	2×3=
2×IO=	2×9=	2x5=
2×2=	2×8=	2×7=
2×II=	2×I2=	2×9=

