

GUIDED MATH
TEACHER'S

MULTIPLICATION

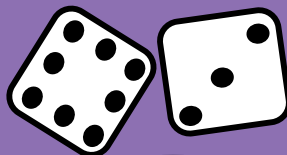
Tool Kit SAMPLER



2
Multiplication

$2 \times 1 = 2$
 $2 \times 2 = 4$
 $2 \times 3 = 6$
 $2 \times 4 = 8$
 $2 \times 5 = 10$
 $2 \times 6 = 12$
 $2 \times 7 = 14$
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 $2 \times 11 = 22$
 $2 \times 12 = 24$

Hint: Think doubles



MULTIPLICATION

REVERSED ADDITION

FACTORS → MULTIPLY \times → PRODUCT

ARRAYS

$4 \times 5 = ?$

STEP DIAGRAM

ARRAYS

EQUAL GROUPS

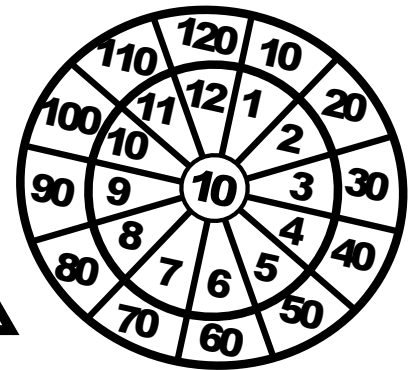
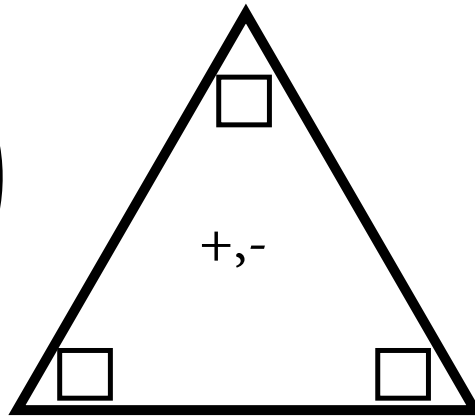
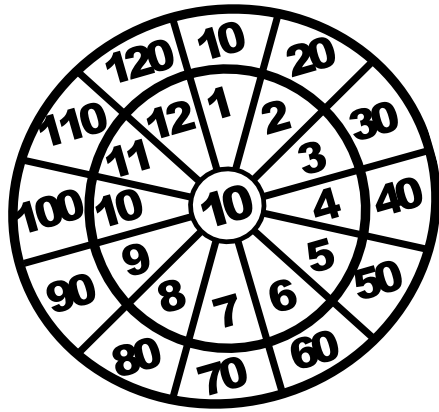
$5 + 5 + 5 + 5 = 20$

REVERSED ADDITION

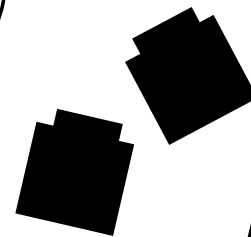
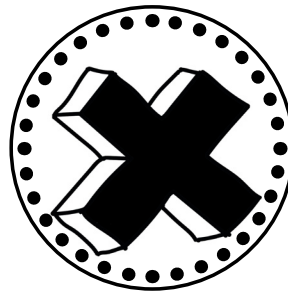
NUMBER LINE

FACT FLUENCY

DR. NICKI NEWTON
Math Fact Fluency Playground



MULTIPLICATION TOOL KIT



MULTIPLICATION
REPEATED ADDITION

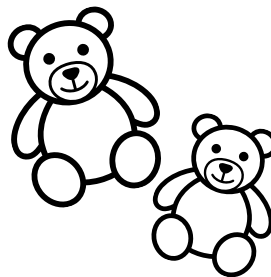
FACTOR — MULTIPLY \times — PRODUCT
ARRAYS — SKIP COUNTING

$4 \times 5 = ?$

STRIP DIAGRAM: 5555
ARRAYS: 5×5 grid of dots

EQUAL GROUPS: 4 groups of 5 dots
REPEATED ADDITION: $5 + 5 + 5 + 5 = 20$

NUMBER LINE: 4 HOPS OF 5
FACT FAMILIES: $4 \times 5 = 20$, $5 \times 4 = 20$



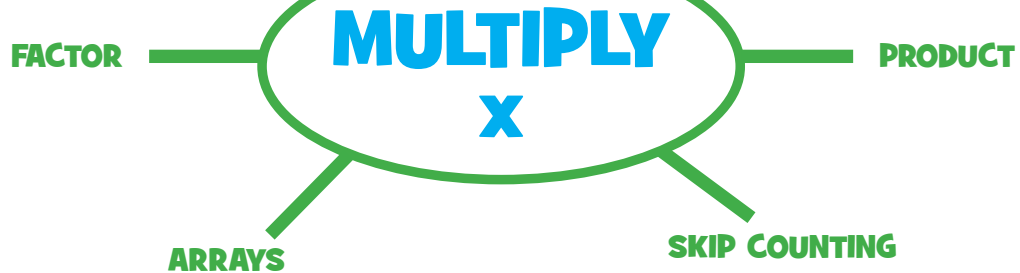
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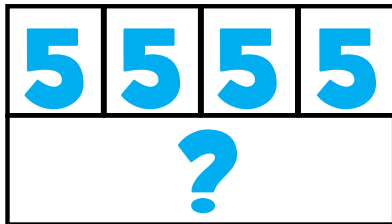
Hint: Think doubles

MULTIPLICATION

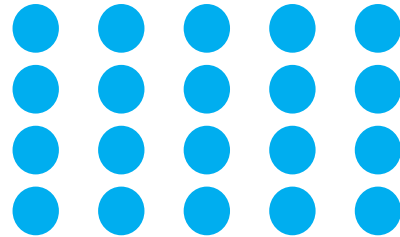
REPEATED ADDITION



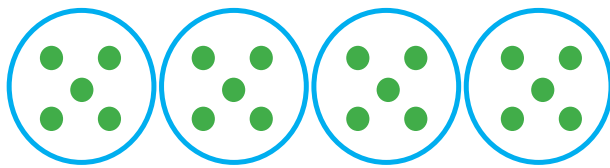
$$4 \times 5 = ?$$



STRIP DIAGRAM



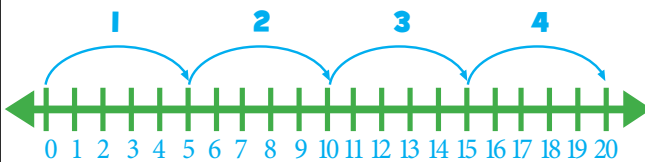
ARRAYS



EQUAL GROUPS

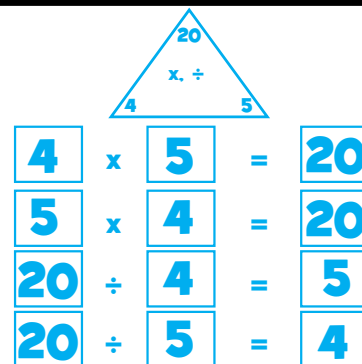
$$5 + 5 + 5 + 5 = 20$$

REPEATED ADDITION



4 HOPS OF 5

NUMBER LINE



FACT FAMILIES

MULTIPLICATION MAT

MODELS

EQUAL GROUPS

STRATEGIES

SKIP COUNTING

ARRAYS

REPEATED ADDITION

NUMBER LINE

THINKING ABOUT RELATIONSHIPS

TEN FRAMES

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MULTIPLICATION TEMPLATE

$$\bigcirc \times \bigcirc = \bigcirc$$

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SKIP COUNTING STRIPS

2s	3s	4s	5s	6s	7s	8s	9s	10s
2	3	4	5	6	7	8	9	10
4	6	8	10	12	14	16	18	20
6	9	12	15	18	21	24	27	30
8	12	16	20	24	28	32	36	40
10	15	20	25	30	35	40	45	50
12	18	24	30	36	42	48	54	60
14	21	28	35	42	49	56	63	70
16	24	32	40	48	56	64	72	80
18	27	36	45	54	63	72	81	90
20	30	40	50	60	70	80	90	100
22	33	44	55	66	77	88	99	110
24	36	48	60	72	84	96	108	120

BE SURE TO CHECK OUT OTHER FLUENCY ACTIVITIES AT WWW.MATHFACTFLUENCYPLAYGROUND.COM



Try Addition or Addition Board Games...

Research

Login

Make it Happen!

ABOUT

WORKSTATIONS

GRADE LEVEL

TOPICS

CONTENT

PRICING

BOOKS

TEACHER STUDIO

Fluency Doesn't Just Happen. It is a well planned journey!



A GIFT FOR YOU

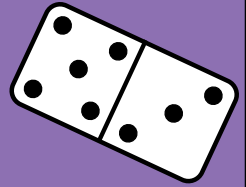
Thank you so much for buying this book!
We have a gift for you! Use this code to get
some EXTRA FREE GOODIES for them to download
and continue practicing their math facts!

Open the camera on your phone
(just like if you are going to take a picture.)
Hold the phone over the qr code (picture
here on the right.) Tap the link that appears
on your screen for your free download.



www.mathfactfluencyplayground.com

GUIDED MATH TEACHER'S MULTIPLICATION TOOL KIT



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Multiplication

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This Teacher's Multiplication Resource Toolkit was created to help teach multiplication. There are many different templates, activity sheets and backline masters to use to differentiate instruction. Use these resources to scaffold access to grade level content for all your students!

