

IMKH California



GRADE 2

Teacher Resource Copy
Masters

UNITS 7-9



Kendall Hunt

Book 4
Certified by Illustrative Mathematics®

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 GRADE 2

UNIT

7

Teacher Resource Copy
Masters

LESSON BLACKLINE MASTERS

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade2.7.5.1	Five in a Row Addition and Subtraction Stage 7 Gameboard	2	no	no	no	no	yes	yes
Activity Grade2.7.6.2	Card Sort Perfect Ten Cards	3	no	yes	yes	no	no	no
Activity Grade2.7.7.2	Walk about and Add Cards	24	no	yes	yes	no	no	no
Activity Grade2.7.10.1	Sort Three-Digit Sums Cards	1	no	yes	no	no	no	no
Activity Grade2.7.11.1	How Close? Stage 4 Recording Sheet	1	yes	no	no	no	no	yes
Activity Grade2.7.11.1	Number Cards 0-10	2	no	yes	yes	no	yes	yes
Activity Grade2.7.11.2	Five in a Row Addition and Subtraction Stage 8 Gameboard	2	no	no	no	no	yes	yes
Activity Grade2.7.15.2	Walk about and Subtract Cards	24	no	yes	no	no	no	no

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade2.7.18.1	Target Numbers Stage 6 Recording Sheet	1	yes	no	no	no	no	yes

Directions:

- Partner A: Put a paper clip on 1 number in each gray row. Cover the sum of the 2 numbers with a counter.
- Partner B: Move 1 of the paper clips to another number in the same row. Add the numbers. Cover the sum.
- Take turns. If a partner finds a sum that is already covered, they move the same paper clip to a different number. The game ends when a partner fills the gameboard or places 5 counters in a row—across, up and down, or diagonal.



704	669	621	442	784
497	695	323	956	44
586	413	784	576	614
297	386	378	867	532
873	99	134	531	665
263	100	352	65	10
34	432	604	313	521

Card Sort: Perfect Ten
A

163

Card Sort: Perfect Ten
B

255

Card Sort: Perfect Ten
C

341

Card Sort: Perfect Ten
D

432

Card Sort: Perfect Ten
E

524

Card Sort: Perfect Ten
F

236

Card Sort: Perfect Ten
G

187

Card Sort: Perfect Ten
H

319

Card Sort: Perfect Ten
I

48

Card Sort: Perfect Ten
J

27

Card Sort: Perfect Ten
K

13

Card Sort: Perfect Ten
L

51

Card Sort: Perfect Ten
M

35

Card Sort: Perfect Ten
N

29

Card Sort: Perfect Ten
O

14

Card Sort: Perfect Ten
P

56

Walk About and Add
A

360

Walk About and Add
A

245

Walk About and Add
A

431

Walk About and Add
A

543

Walk About and Add
A

163

Walk About and Add
A

124

Walk About and Add
A

205

Walk About and Add
A

634

Walk About and Add
A

346

Walk About and Add
A

452

Walk About and Add
A

561

Walk About and Add
A

472

Walk About and Add
B

10

Walk About and Add
B

91

Walk About and Add
B

72

Walk About and Add
B

100

Walk About and Add
B

35

Walk About and Add
B

47

Walk About and Add
B

18

Walk About and Add
B

63

Walk About and Add
B

83

Walk About and Add
B

44

Walk About and Add
B

37

Walk About and Add
B

26

Sort Three-Digit Sums

$$399 + 224$$

Sort Three-Digit Sums

$$419 + 501$$

Sort Three-Digit Sums

$$238 + 599$$

Sort Three-Digit Sums

$$308 + 512$$

Sort Three-Digit Sums

$$602 + 233$$

Sort Three-Digit Sums

$$198 + 257$$

Sort Three-Digit Sums

$$367 + 486$$

Sort Three-Digit Sums

$$429 + 378$$

Sort Three-Digit Sums

$$164 + 299$$

Sort Three-Digit Sums

$$762 + 125$$

Directions:

- Remove the cards that show 10. Set them aside.
- Each partner:
 - Take 8 cards.
 - Choose 6 cards to make 2 three-digit numbers.
 - Write an equation to show the sum of the numbers you made.
 - Your score for each round is the difference between your sum and 1,000.
- Take 6 new cards. Start the next round.
- Add your score for each round. The partner with the lower score wins.

+

Your score this round: _____

+

Your score this round: _____

+

Your score this round: _____

+

Your score this round: _____

+

Your score this round: _____

1

2

3

4

5

6

7

8

9

1

2

3

4

5

6

7

8

9

0

0

10

10

Directions:

- Partner A: Put a paper clip on 1 number in each gray row. Cover the sum of the 2 numbers with a counter.
- Partner B: Move 1 of the paper clips to another number in the same row. Add the numbers. Cover the sum with a counter.
- Take turns. If a partner finds a sum that is already covered, they move the same paper clip to a different number. The game ends when a partner fills the gameboard or places 5 counters in a row—across, up and down, or diagonal.



918	935	335	401	313
446	407	585	929	709
352	613	440	591	754
715	748	630	896	429
346	890	737	307	624
45	67	78	84	39
670	362	851	546	268

Walk About and Subtract

921

Walk About and Subtract

733

Walk About and Subtract

645

Walk About and Subtract

456

Walk About and Subtract

377

Walk About and Subtract

198

Walk About and Subtract

921

Walk About and Subtract

733

Walk About and Subtract

645

Walk About and Subtract

456

Walk About and Subtract

377

Walk About and Subtract

198

Walk About and Subtract

921

Walk About and Subtract

733

Walk About and Subtract

645

Walk About and Subtract

456

Walk About and Subtract

377

Walk About and Subtract

198

Walk About and Subtract

921

Walk About and Subtract

733

Walk About and Subtract

645

Walk About and Subtract

456

Walk About and Subtract

377

Walk About and Subtract

198

Directions:

- On your turn:
 - Start at 0. Roll 3 number cubes. For each cube, decide whether it represents hundreds, tens or ones that you will add to your starting number.
 - Write an equation to represent the sum.
- The sum is the starting number in the new equation.
- Take turns for 4 rounds.
- The partner to get a sum closer to 1,000 without going over wins.

roll and choose	equation
____ hundreds ____ tens ____ ones	$\underline{\quad 0 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$
____ hundreds ____ tens ____ ones	$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$
____ hundreds ____ tens ____ ones	$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$
____ hundreds ____ tens ____ ones	$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$

 GRADE 2

UNIT

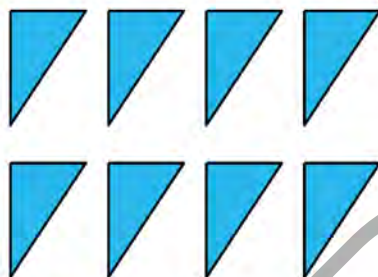
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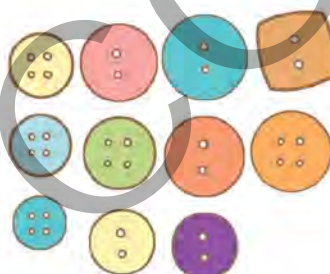
LESSON BLACKLINE MASTERS

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade2.8.3.2	Card Sort Even or Odd Cards	1	no	yes	no	no	no	no
Activity Grade2.8.5.2	Presto Chango Recording Sheet	1	yes	no	no	no	no	no
Activity Grade2.8.6.1	Write Numbers Stage 4 Gameboard	2	no	no	no	no	yes	yes
Activity Grade2.8.9.2	Card Sort Arrays and Expressions Cards	2	no	yes	no	no	no	no

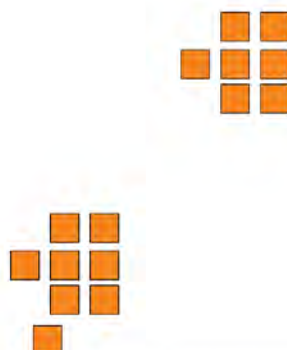
A
Card Sort: Even or Odd



B
Card Sort: Even or Odd



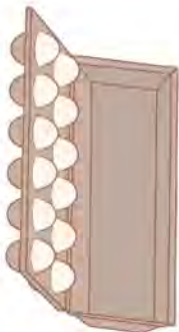
C
Card Sort: Even or Odd



D
Card Sort: Even or Odd



E
Card Sort: Even or Odd



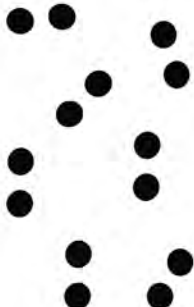
F
Card Sort: Even or Odd







G
Card Sort: Even or Odd



H
Card Sort: Even or Odd



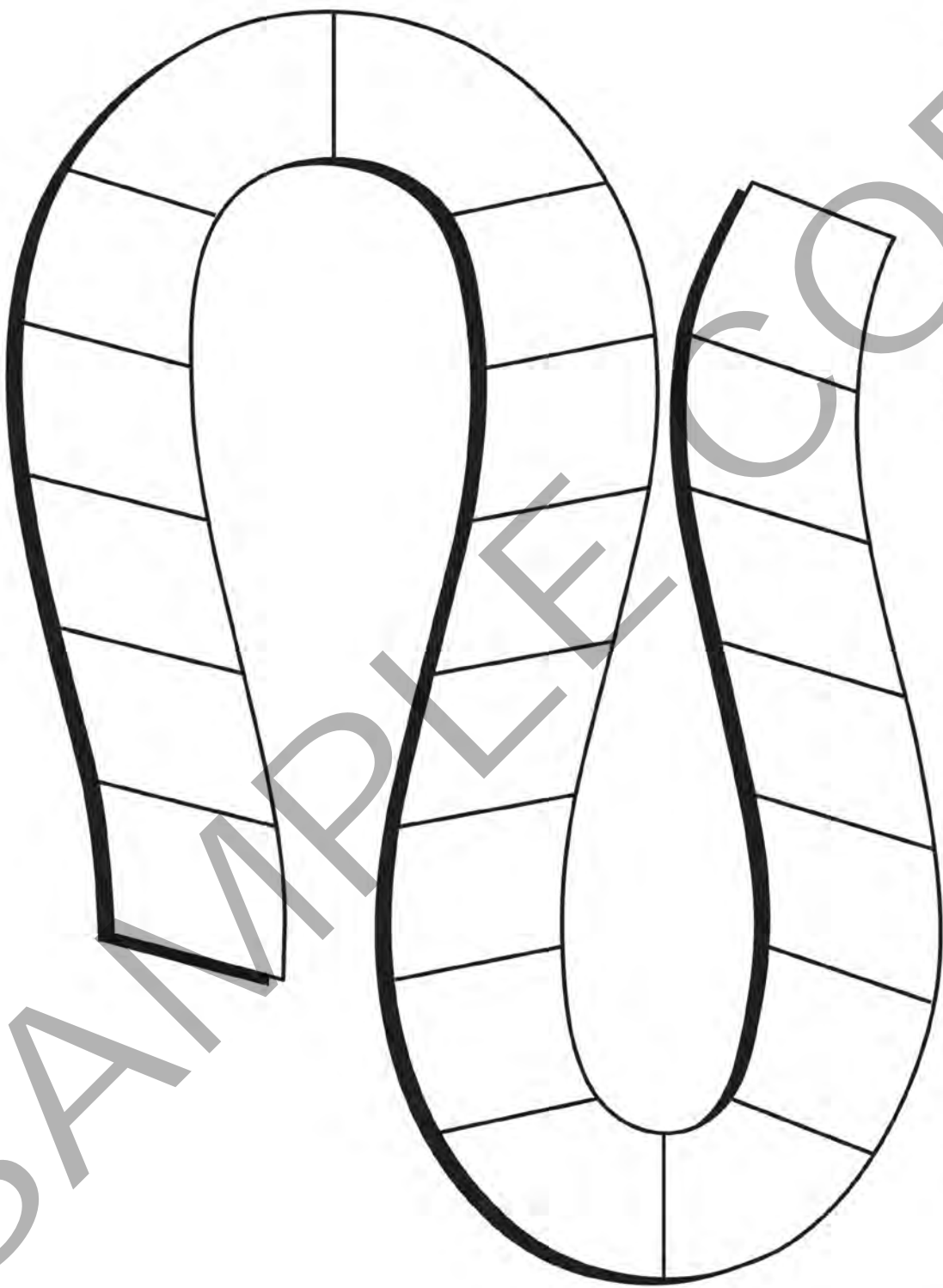
<p>Card Sort: Even or Odd</p> <p>I</p>  <p>Card Sort: Even or Odd</p> <p>M</p> $8 = 4 + 4$	<p>Card Sort: Even or Odd</p> <p>J</p>  <p>Card Sort: Even or Odd</p> <p>N</p> $5 + 5 + 1 = 11$	<p>Card Sort: Even or Odd</p> <p>K</p>  <p>Card Sort: Even or Odd</p> <p>O</p> $6 + 6 = 12$	<p>Card Sort: Even or Odd</p> <p>L</p>  <p>Card Sort: Even or Odd</p> <p>P</p> $8 + 8 = 16$
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Show your thinking using drawings, numbers, or words.

	Add 1 counter.	Add 2 counters.
Diego has 4 counters. even or odd	even or odd	even or odd
Clare has 7 counters. even or odd	even or odd	even or odd
Mai has 13 counters. even or odd	even or odd	even or odd
Jada has 16 counters. even or odd	even or odd	even or odd

Directions:

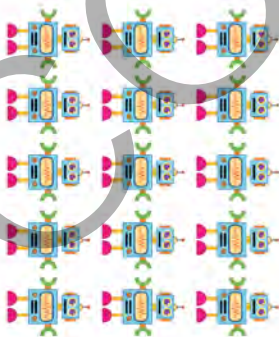
- Choose to skip count by 2, 5, or 10. Pick a starting number. Write the starting number on the first space on the gameboard.
- Take turns writing the next 1, 2, or 3 numbers in the count on the gameboard. The player who writes the last number on the gameboard wins.



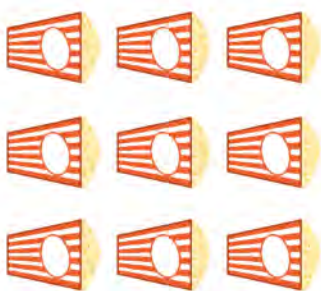
Card Sort: Arrays and Expressions
A



Card Sort: Arrays and Expressions
B



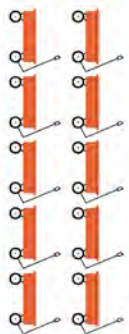
Card Sort: Arrays and Expressions
C



Card Sort: Arrays and Expressions
D



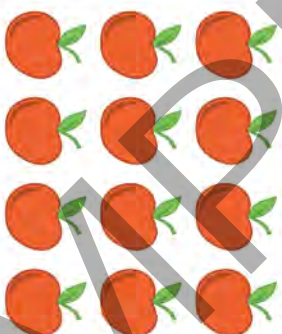
Card Sort: Arrays and Expressions
E



Card Sort: Arrays and Expressions
F



Card Sort: Arrays and Expressions
G



Card Sort: Arrays and Expressions
H



Card Sort: Arrays and
Expressions
I

$$5 + 5$$

Card Sort: Arrays and
Expressions
J

$$3 + 3$$

Card Sort: Arrays and
Expressions
K

$$2 + 2 + 2 + 2$$

Card Sort: Arrays and
Expressions
L

$$4 + 4 + 4 + 4 + 4$$

Card Sort: Arrays and
Expressions
M

$$4 + 4$$

Card Sort: Arrays and
Expressions
N

$$5 + 5 + 5$$

Card Sort: Arrays and
Expressions
O

$$3 + 3 + 3$$

Card Sort: Arrays and
Expressions
P

$$5 + 5 + 5 + 5$$

Card Sort: Arrays and Expressions
Q

$$3 + 3 + 3 + 3 + 3$$

Card Sort: Arrays and Expressions
R

$$4 + 4 + 4 + 4 + 4$$

Card Sort: Arrays and Expressions
S

$$5 + 5 + 5 + 5$$

Card Sort: Arrays and Expressions
T

$$2 + 2 + 2 + 2 + 2$$

Card Sort: Arrays and Expressions
U

$$4 + 4 + 4$$

Card Sort: Arrays and Expressions
V

$$2 + 2 + 2$$

Card Sort: Arrays and Expressions
W

$$3 + 3 + 3 + 3$$

Card Sort: Arrays and Expressions
X

$$20$$

<p>Card Sort: Arrays and Expressions</p> <p>Y</p> <p>8</p>	<p>Card Sort: Arrays and Expressions</p> <p>Z</p> <p>20</p>	<p>Card Sort: Arrays and Expressions</p> <p>AA</p> <p>6</p>	<p>Card Sort: Arrays and Expressions</p> <p>BB</p> <p>15</p>
<p>Card Sort: Arrays and Expressions</p> <p>CC</p> <p>12</p>	<p>Card Sort: Arrays and Expressions</p> <p>DD</p> <p>9</p>	<p>Card Sort: Arrays and Expressions</p> <p>EE</p> <p>10</p>	

 GRADE 2

UNIT

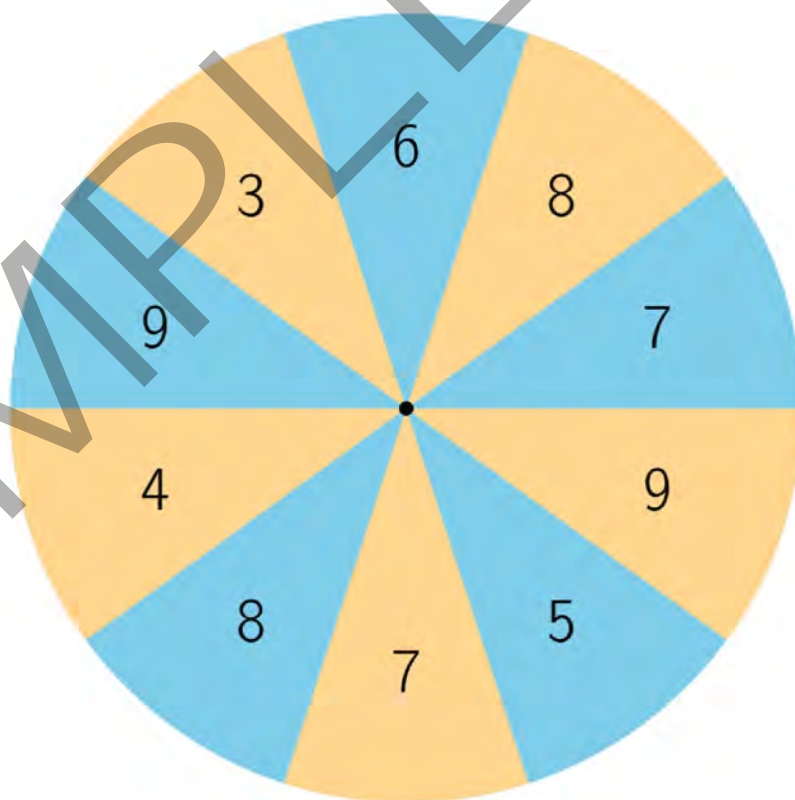
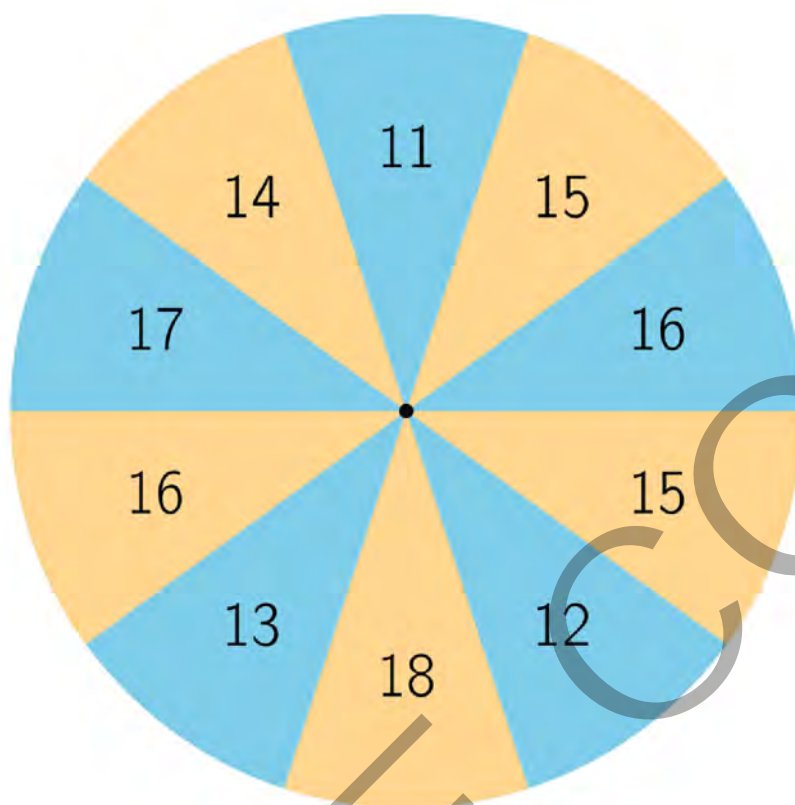
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Teacher Resource Copy
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LESSON BLACKLINE MASTERS

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade2.9.1.2	Spin and Find the Missing Number Spinners	2	no	no	no	no	no	no
Activity Grade2.9.2.1	Number Cards 0-19	2	no	yes	yes	no	no	no
Activity Grade2.9.2.2	Number Mix Up Gameboard	1	no	no	no	no	no	no
Activity Grade2.9.3.1	Measure on the Map Handout	1	yes	no	no	no	no	no
Activity Grade2.9.6.2	Cards Sort Expressions with Three-Digit Values Cards	2	no	yes	no	no	no	no
Activity Grade2.9.8.1	Heads Up Add and Subtract with 100 Cards	2	no	yes	no	no	no	no
Activity Grade2.9.9.1	Card Sort Story Problems Cards	1	no	yes	no	no	no	no
Activity Grade2.9.11.1	Card Sort Represent Story Problems Cards	2	no	yes	no	no	no	no

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade2.9.12.2	Make Math Stories Handout	2	no	yes	no	no	no	no



0	1	2	3	4
5	<u>6</u>	7	8	<u>9</u>
10	11	12	13	14
15	16	17	18	19

Puzzle 1

$$6 =$$

+

$$6 =$$

+

$$6 =$$

-

$$6 =$$

-

$$6 =$$

-

2

$$6 =$$

-

1

Puzzle 2

$7 =$

+

$7 =$

$- 1$

$7 =$

+

$7 =$

+

$7 =$

$- 2$

-

Puzzle 3

11 =

+

11 =

+

11 =

+ 1 +

leftover

11 = 11 -

11 =

+

Puzzle 4

$14 =$

+

$14 =$

+

$14 = 8 +$

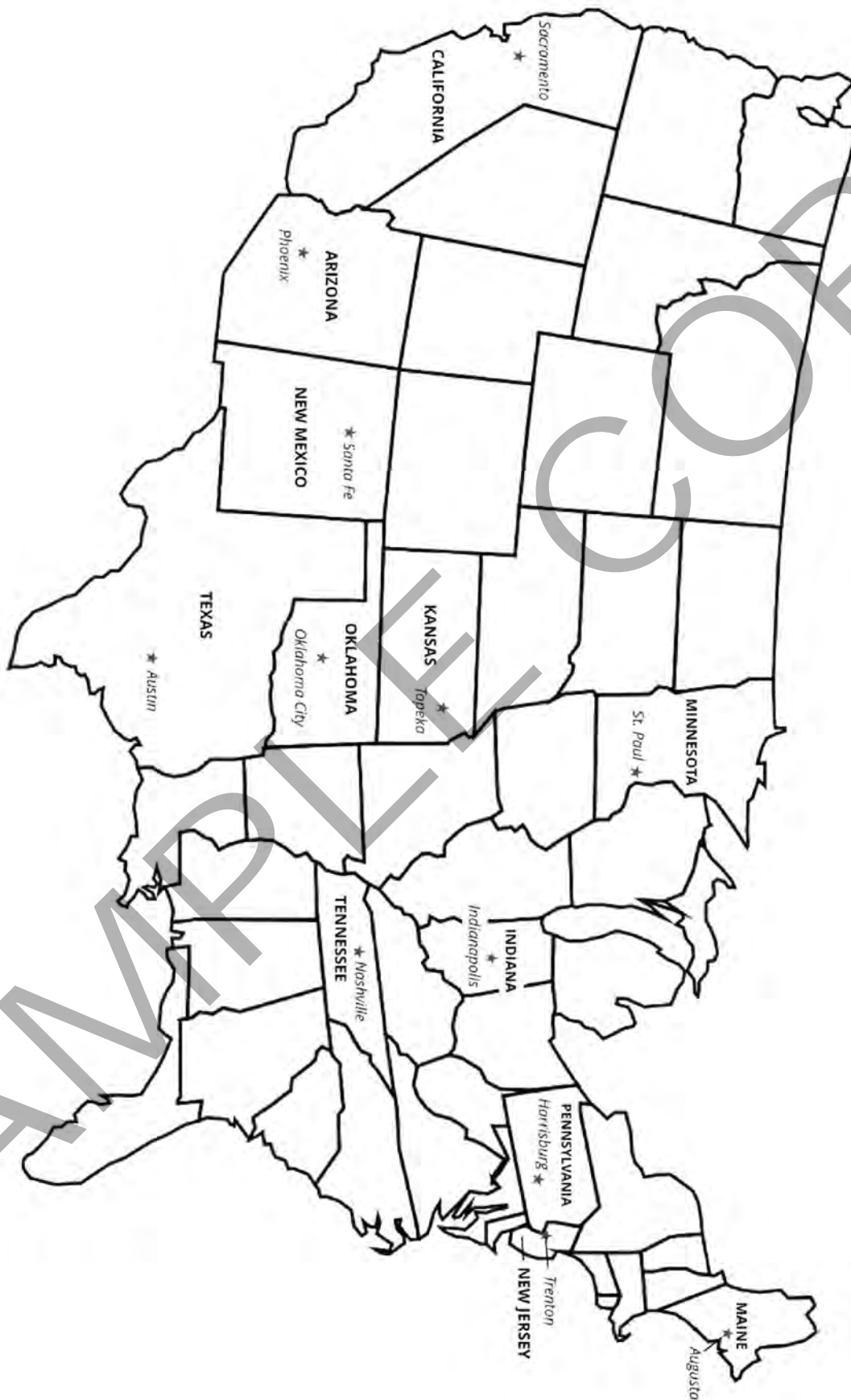
+

+

leftover

$14 = 7 +$

$14 = 10 +$



Card Sort: Expressions with Three-Digit Values

A

$$300 + 50 + 15$$

Card Sort: Expressions with Three-Digit Values

B

$$600 + 20 + 1$$

Card Sort: Expressions with Three-Digit Values

C

$$200 + 130 + 25$$

Card Sort: Expressions with Three-Digit Values

D

$$600 + 120 + 21$$

Card Sort: Expressions with Three-Digit Values

E

$$6 \text{ hundreds} + 12 \text{ tens} + 21 \text{ ones}$$

Card Sort: Expressions with Three-Digit Values

F

$$3 \text{ hundreds} + 4 \text{ tens} + 25 \text{ ones}$$

Card Sort: Expressions with Three-Digit Values
G

5 hundreds + 12 tens + 1 one

Card Sort: Expressions with Three-Digit Values
H

3 hundreds + 3 tens + 25 ones

Card Sort: Expressions with Three-Digit Values
I

$600 + 140 + 1$

Card Sort: Expressions with Three-Digit Values
J

$300 + 50 + 5$

Card Sort: Expressions with Three-Digit Values
K

$200 + 150 + 15$

Card Sort: Expressions with Three-Digit Values
L

$500 + 100 + 21$

Heads Up: Add and Subtract
within 100

39

Heads Up: Add and Subtract
within 100

48

Heads Up: Add and Subtract
within 100

17

Heads Up: Add and Subtract
within 100

26

Heads Up: Add and Subtract
within 100

15

Heads Up: Add and Subtract
within 100

20

Heads Up: Add and Subtract
within 100

32

Heads Up: Add and Subtract
within 100

45

Heads Up: Add and Subtract
within 100

7

Heads Up: Add and Subtract
within 100

14

Heads Up: Add and Subtract
within 100

53

Heads Up: Add and Subtract
within 100

29

Heads Up: Add and Subtract
within 100

33

Heads Up: Add and Subtract
within 100

62

Heads Up: Add and Subtract
within 100

41

Heads Up: Add and Subtract
within 100

8

Heads Up: Add and Subtract
within 100

66

Heads Up: Add and Subtract
within 100

10

Heads Up: Add and Subtract
within 100

37

Heads Up: Add and Subtract
within 100

46

Heads Up: Add and Subtract
within 100

9

Heads Up: Add and Subtract
within 100

57

Heads Up: Add and Subtract
within 100

24

Heads Up: Add and Subtract
within 100

74

Card Sort: Story Problems

A

Jada has 92 books. She puts them in stacks of 10. She gives Andre 3 stacks of books. Then she gives him 5 more books.

How many books does Jada have now?

Card Sort: Story Problems

B

Tyler puts 15 books on the library cart. Lin puts 18 books on the cart. Noah takes 7 books off the cart.

How many books are on the cart now?

Card Sort: Story Problems

C

On Monday, Elena's class sorts 47 books. On Tuesday, they sort 15 books. On Wednesday, they sort 18 books.

How many books do they sort in all?

Card Sort: Story Problems

D

Lin and Tyler have a box of 73 books. Lin takes 28 for her class. Tyler takes 17 for his class.

How many books are left in the box?

Card Sort: Story Problems

E

Last summer, Clare read 14 books. She read 5 fewer books than Lin.

How many books did Clare and Lin read last summer in all?

Card Sort: Story Problems

F

There were some books on the shelf. Tyler took 18 books. Now there are 33 books on the shelf.

How many books were on the shelf to start with?

Card Sort: Represent Story Problems

A

There are 53 baseballs in a box. There are 25 fewer tennis balls than baseballs in the box. How many tennis balls are in the box?

Card Sort: Represent Story Problems

B

Jada collected some pine cones in the park. Han took 25 of Jada's pine cones. There are 53 pine cones left. How many pine cones did Jada collect?

Card Sort: Represent Story Problems

C

There are 12 pattern blocks in a bag. There are 6 more pattern blocks on the table than in the bag. Jada puts 9 more pattern blocks on the table. How many pattern blocks are on the table now?

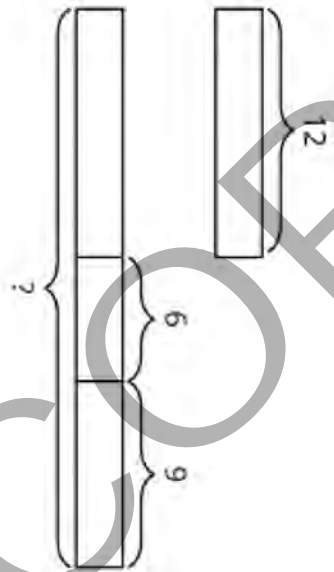
Card Sort: Represent Story Problems

D

There are 12 puzzle pieces in the box. Diego puts 6 more puzzle pieces in the box. There are now 9 more puzzle pieces in the box than on the table. How many puzzle pieces are on the table?

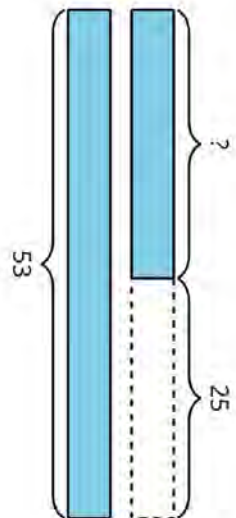
Card Sort: Represent Story Problems

E



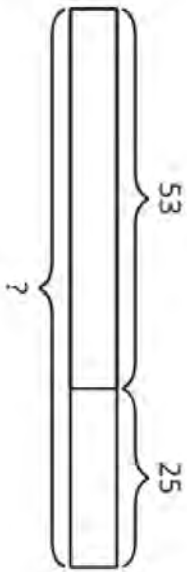
Card Sort: Represent Story Problems

F



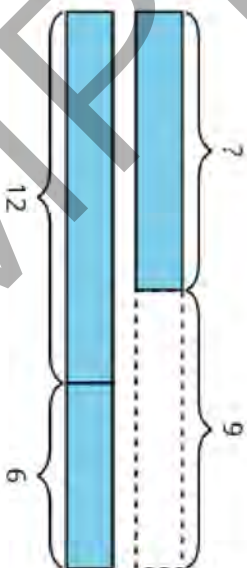
Card Sort: Represent Story Problems

G



Card Sort: Represent Story Problems

H



Card Sort: Represent Story Problems

$$? - 25 = 53$$

Card Sort: Represent Story Problems

$$12 + 6 + 9 = ?$$

Card Sort: Represent Story Problems

$$? + 25 = 53$$

Card Sort: Represent Story Problems

$$12 + 6 - 9 = ?$$

