

ORIGO

STEPPING STONES

CORE MATHEMATICS



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1. a. Write the next two **even** numbers.

6	,		,	
14	,		,	
28	,		,	
46	,		,	

b. Write the next two **odd** numbers.

9	,		,	
15	,		,	
21	,		,	
47	,		,	

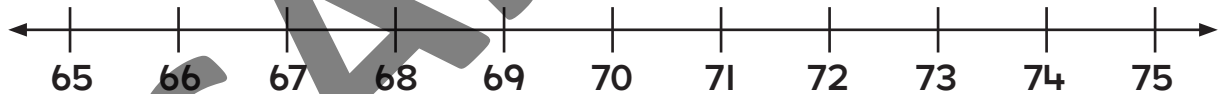
2. Write the answers. Draw jumps on the number line to help you.



a. $38 + 1 =$

b. $40 + 2 =$

c. $42 + 3 =$



d. $73 - 1 =$

e. $68 - 2 =$

f. $71 - 3 =$

3. Work out these number puzzles.

a. I am between 50 and 70.
I am an even number.
When you add my digits
the total is 10.

b. I am an odd number.
I am greater than 10 but
less than 20.
The difference between
my digits is 2.

BIG DEAL

What is one of the most common card games in the world?

- ★ Write all the totals.
- ★ Then write each letter above its matching total below.

$3 + 5 =$ <input type="text"/>	<input type="text" value="o"/>	$7 + 6 =$ <input type="text"/>	<input type="text" value="e"/>
$5 + 9 =$ <input type="text"/>	<input type="text" value="a"/>	$5 + 2 =$ <input type="text"/>	<input type="text" value="r"/>
$3 + 7 =$ <input type="text"/>	<input type="text" value="c"/>	$7 + 9 =$ <input type="text"/>	<input type="text" value="l"/>
$8 + 4 =$ <input type="text"/>	<input type="text" value="t"/>	$9 + 8 =$ <input type="text"/>	<input type="text" value="n"/>
$9 + 6 =$ <input type="text"/>	<input type="text" value="i"/>	$6 + 3 =$ <input type="text"/>	<input type="text" value="s"/>
$3 + 8 =$ <input type="text"/>	<input type="text" value="p"/>		

Some letters are used more than once.



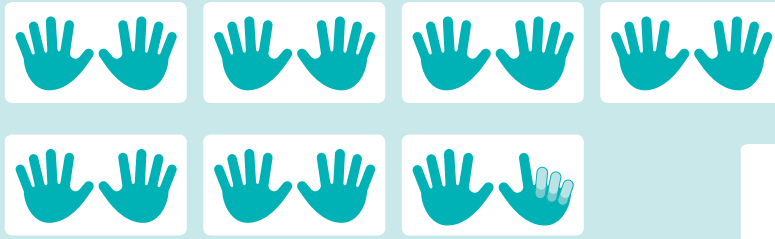
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9 8 16 15 12 14 15 7 13

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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8 7 11 14 12 15 13 17 10 13

1. Write the number of tens and ones on the expander.
Then write the number name.



	tens		ones
--	------	--	------

2. Write the totals.

a.

$6 + 1 = \underline{\quad}$

$16 + 1 = \underline{\quad}$

$26 + 1 = \underline{\quad}$

$36 + 1 = \underline{\quad}$

b.

$13 + 2 = \underline{\quad}$

$23 + 2 = \underline{\quad}$

$33 + 2 = \underline{\quad}$

$43 + 2 = \underline{\quad}$

c.

$4 + 3 = \underline{\quad}$

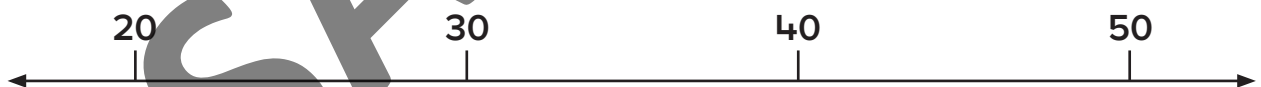
$14 + 3 = \underline{\quad}$

$24 + 3 = \underline{\quad}$

$34 + 3 = \underline{\quad}$

3. For each of these, draw a line to show where you think each number is located on the number line. Be as accurate as you can.

a.



28

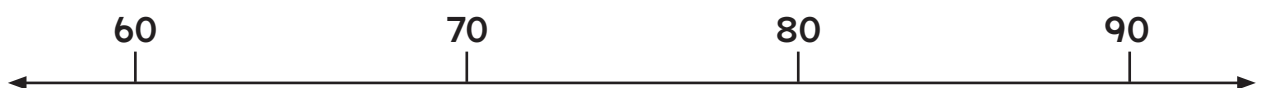
32

45

49

52

b.



59

67

72

85

88

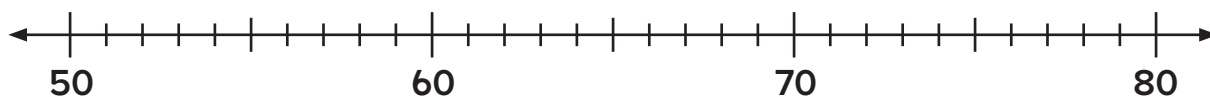
1. Draw a line from each numeral to its position on the number line.

53

58

65

76



51

62

67

79

2. Write the missing numbers.

a.

$$8 - 1 = \underline{\quad}$$

$$18 - 1 = \underline{\quad}$$

$$28 - 1 = \underline{\quad}$$

$$38 - 1 = \underline{\quad}$$

b.

$$16 - 2 = \underline{\quad}$$

$$26 - 2 = \underline{\quad}$$

$$36 - 2 = \underline{\quad}$$

$$46 - 2 = \underline{\quad}$$

c.

$$5 - 3 = \underline{\quad}$$

$$15 - 3 = \underline{\quad}$$

$$25 - 3 = \underline{\quad}$$

$$35 - 3 = \underline{\quad}$$

3. Find these numbers on the chart.

Count in steps of 10 to the matching shape. Write the numeral.

a. 3

b. 14

c. 5

d. 18

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
	22								
								39	
41									

GO FISH

Help the fish reach his friends safely.

- ★ Work out each of the number sentences and write the answers.
- ★ Then colour the bubbles that have **even** answers.

9 - 1 = ____

4 - 2 = ____

7 - 3 = ____

8 - 3 = ____

8 - 1 = ____

8 - 2 = ____

6 - 1 = ____

9 - 3 = ____

9 - 2 = ____

5 - 2 = ____

5 - 1 = ____

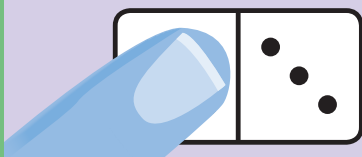
7 - 2 = ____

4 - 1 = ____

6 - 2 = ____

1. Work out how many dots are covered. Then write the sentences to match.

a. 12 dots in total



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

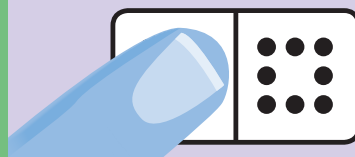
b. 8 dots in total



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

c. 11 dots in total



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

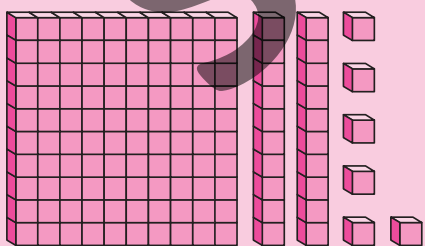
2. Write the total for each.

Where We Go After Lunch Break

Place	Tally	Total
Gym		
Playground		
Library		

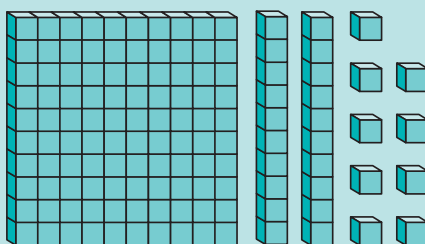
3. Look at the blocks. Write the matching number on each expander.

a.



	hundreds		tens		ones
	hundreds				

b.



	hundreds		tens		ones
	hundreds				



1. Loop the fractions. Then write numerals to complete each sentence.

a.



One-half of is .

b.



One-quarter of is .

2. This display shows the number of cubes three children can pick up with one hand.

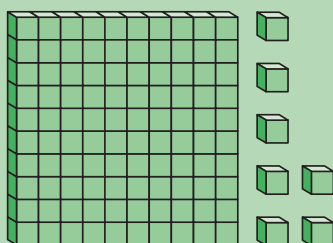
		Cubes We Can Pick Up								= 1 cube	
Student	Leo										
	Haroon										
	Saki										
		Number of cubes									

a. Who could pick up the most cubes?

b. Who could pick up the fewest cubes?

c. How many cubes can Saki pick up?

3. Look at the blocks. Write the matching number on the expanders.

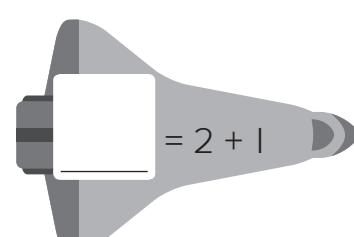
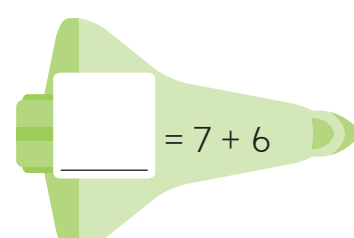
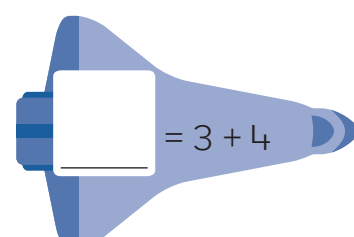
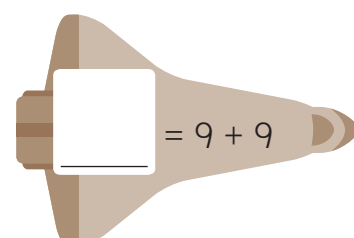
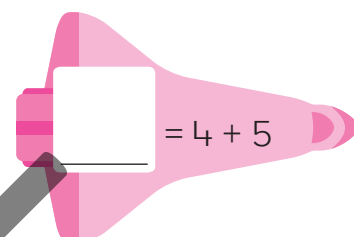
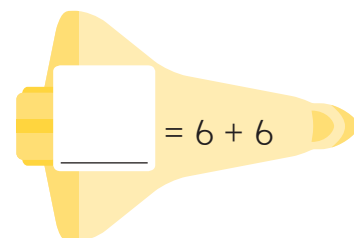
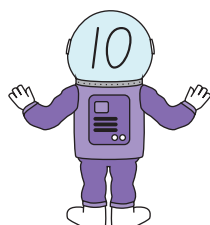
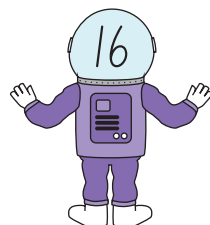
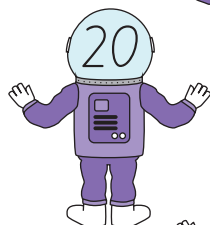
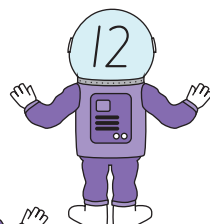
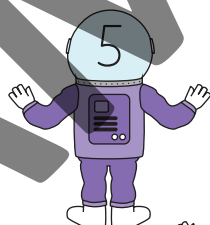
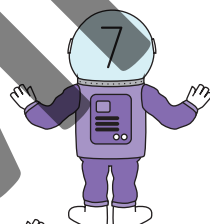
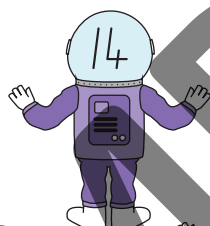
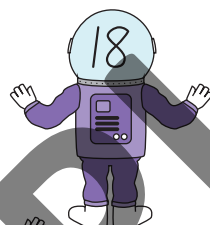
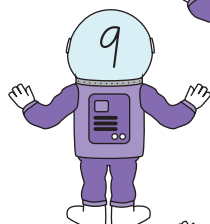
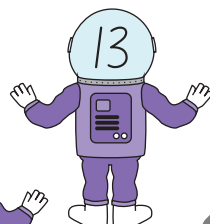
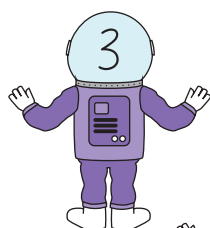
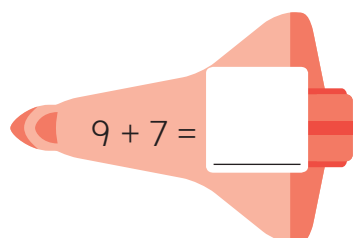
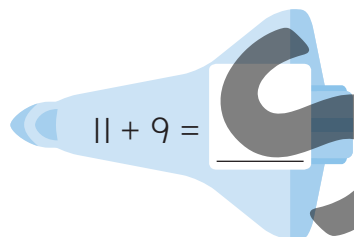
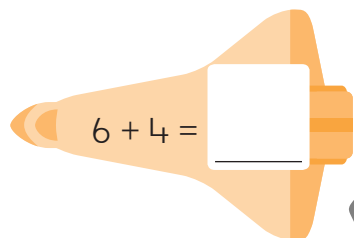
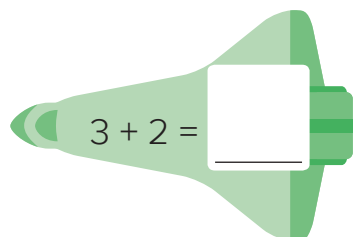
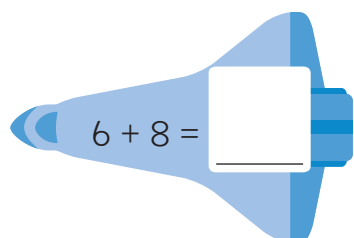


<input type="text"/>	hundreds	<input type="text"/>	tens	<input type="text"/>	ones
<input type="text"/>	hundreds	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

SPACE TRIP

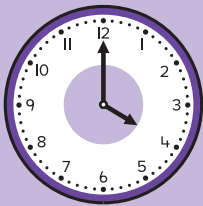
★ Write all the totals.

★ Draw a line to the astronaut that matches each total.

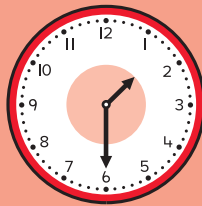


1. Write each time in words.

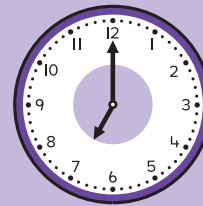
a.



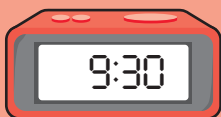
b.



c.



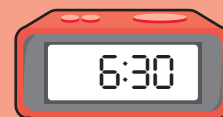
d.



e.



f.



2. Copy the label that best completes each sentence.

a. It _____ snow today.

b. I _____ watch TV tonight.

c. I _____ have pizza for dinner tonight.

will not

might

will

3. Read the number name. Write the matching number on the expander.

a. one hundred and twenty-three



b. one hundred and twenty-eight



c. one hundred and fifteen

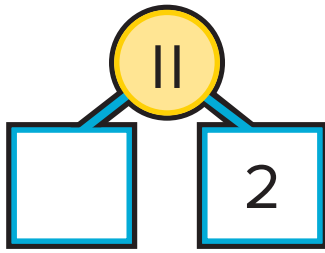


d. one hundred and six



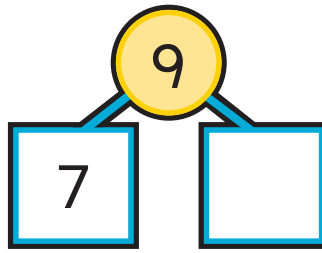
1. Complete each . Write the matching fact family.

a.



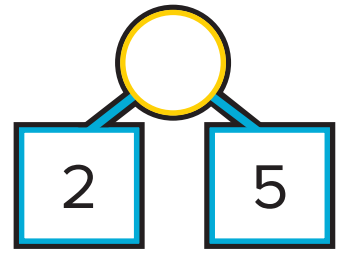
$$\begin{array}{rcl} ____ & + & ____ = ____ \\ ____ & + & ____ = ____ \\ ____ & - & ____ = ____ \\ ____ & - & ____ = ____ \end{array}$$

b.



$$\begin{array}{rcl} ____ & + & ____ = ____ \\ ____ & + & ____ = ____ \\ ____ & - & ____ = ____ \\ ____ & - & ____ = ____ \end{array}$$

c.



$$\begin{array}{rcl} ____ & + & ____ = ____ \\ ____ & + & ____ = ____ \\ ____ & - & ____ = ____ \\ ____ & - & ____ = ____ \end{array}$$

2. Count back in steps of 10. Write the numbers you say.

a.



b.



c.

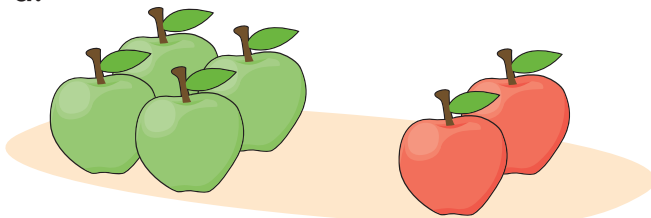


d.



3. Add the groups. Then write an addition number fact to match.

a.



b.

