

over the Magic Learning!

add, subtract and solve maths problems using stickers and games. Build your child's number confidence!

PRACTISE

WORKING WITH NUMBER LINES

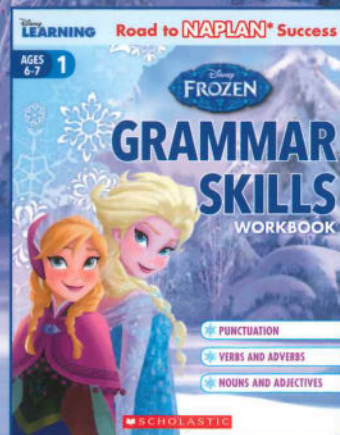
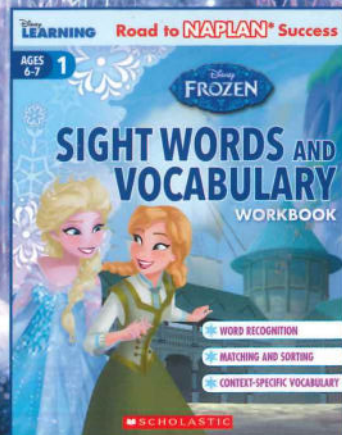
COUNTING IN MULTIPLES OF 2, 5 AND 10

ADDING AND SUBTRACTING TO SOLVE PROBLEMS

READING A BASIC GRAPH

Endorsed by Australian Curriculum specialists

More Learning Workbooks



ISBN 978-1-74381-262-4



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LEARNING

Road to **NAPLAN*** Success

AGES 6-7 1



ADDITION AND SUBTRACTION WORKBOOK



NUMBER SENTENCES

BASIC PROBLEM SOLVING

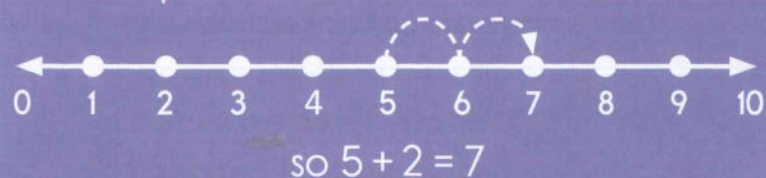
MATHS FACT FAMILIES

LEARN MATHS FACTS

This book is full of activities based on different maths strategies that can help you learn to add and subtract quickly and accurately.

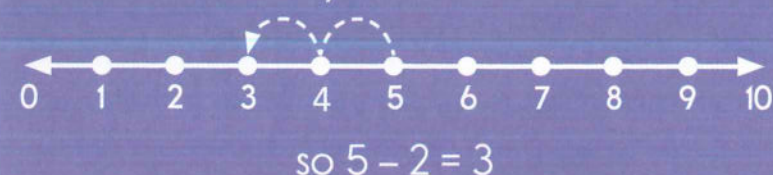
Count on

Count on when 1, 2 or 3 is added.
5 plus 2 more is 5 \rightarrow 6 \rightarrow 7.



Count back

Count back when 1, 2 or 3 is subtracted.
5 take away 2 is 5 \leftarrow 4 \leftarrow 3.



Number sentence rearranging

Halve the number of facts you need to remember. If you know $3 + 5 = 8$, then you know that $5 + 3 = 8$.

Fact families

Arrange sentences into fact families. The same three numbers make two addition facts and two subtraction facts.

$$\begin{array}{l} 2 + 3 = 5 \quad 5 - 3 = 2 \\ 3 + 2 = 5 \quad 5 - 2 = 3 \end{array}$$

Zero



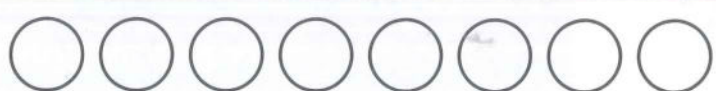



Adding and subtracting zero is easy to remember.





$$\begin{array}{l} 9 + 0 = 9 \quad 12 + 0 = 12 \\ 9 - 0 = 9 \quad 12 - 0 = 12 \end{array}$$



LET'S MAKE NUMBERS

Colour the circles blue and purple to show two different ways to make each number.

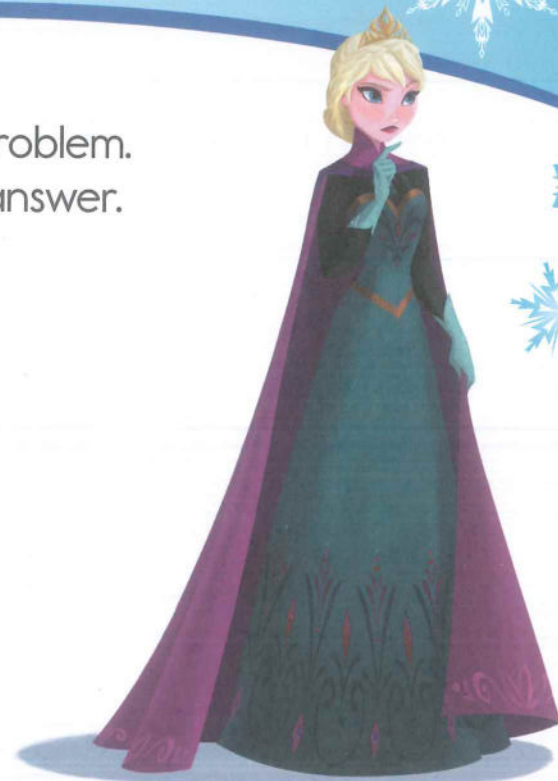
7	 <u>4</u> and <u>3</u>
7	 <u> </u> and <u> </u>
8	 <u> </u> and <u> </u>
8	 <u> </u> and <u> </u>
9	 <u> </u> and <u> </u>
9	 <u> </u> and <u> </u>

10	 <u> </u> and <u> </u>
10	 <u> </u> and <u> </u>
11	 <u> </u> and <u> </u>
11	 <u> </u> and <u> </u>



LET'S ADD

Read the problem.
Write the answer.



There are 2 .

Elsa gets 2 more.
How many in all?

2 and 2 more is 4.

a There are 5 .

Elsa gets 1 more.
How many in all?

___ and ___ more is ___.

c There are 4 .

Olaf gets 2 more.
How many in all?

___ and ___ more is ___.

b There are 6 .

Anna gets 3 more.
How many in all?

___ and ___ more is ___.

d There are 7 .

Hans gets 2 more.
How many in all?

___ and ___ more is ___.

e There are 4 .

Elsa gets 3 more.
How many in all?

___ and ___ more is ___.

g There are 6 .

Anna gets 4 more.
How many in all?

___ and ___ more is ___.

f There are 7 .

Hans gets 4 more.
How many in all?

___ and ___ more is ___.

h There are 7 .

Olaf gets 3 more.
How many in all?

___ and ___ more is ___.

Write your own maths story.

There are snowflakes.

Olaf gets more.

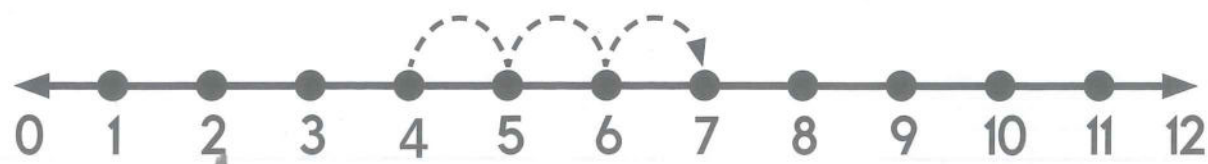
How many in all?

and more is .



COUNT ON TO ADD

Count on to add using the number line.
Write the sum.



$$4 + 3 = \boxed{7}$$

a $6 + 2 = \boxed{}$

b $8 + 3 = \boxed{}$

c $11 + 1 = \boxed{}$

d $3 + 2 = \boxed{}$

e $5 + 3 = \boxed{}$

f $9 + 3 = \boxed{}$

I am Princess Anna.



NUMBER SENTENCES

Count the numbers on the dice.
Use the numbers to rearrange the number sentences.

a
 $6 + 3 = \boxed{}$
 $3 + 6 = \boxed{}$

b
 $4 + 6 = \boxed{}$
 $6 + 4 = \boxed{}$

c
 $4 + 1 = \boxed{}$
 $1 + 4 = \boxed{}$

d
 $2 + 4 = \boxed{}$
 $4 + 2 = \boxed{}$

e
 $3 + 2 = \boxed{}$
 $2 + 3 = \boxed{}$

Try this:

If you know $7 + 1 = 8$,
then you know $\boxed{} + \boxed{} = \boxed{}$



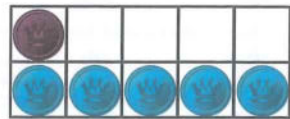
LET'S ADD 5

Add the counters.
Write the sum.



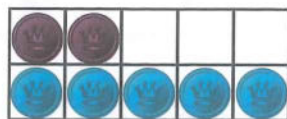
$$3 + 5 = \underline{8}$$

a



$$1 + 5 = \underline{\quad}$$

c



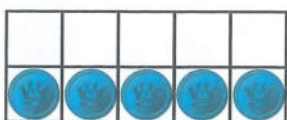
$$2 + 5 = \underline{\quad}$$

b



$$4 + 5 = \underline{\quad}$$

d



$$0 + 5 = \underline{\quad}$$

LET'S COLOUR

Colour the counters.
Write the sum.
The first one is done for you.



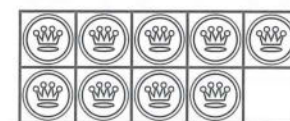
$$6 + 2 = \underline{8}$$

a



$$7 + 1 = \underline{\quad}$$

c



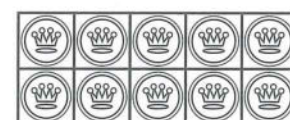
$$6 + 3 = \underline{\quad}$$

b



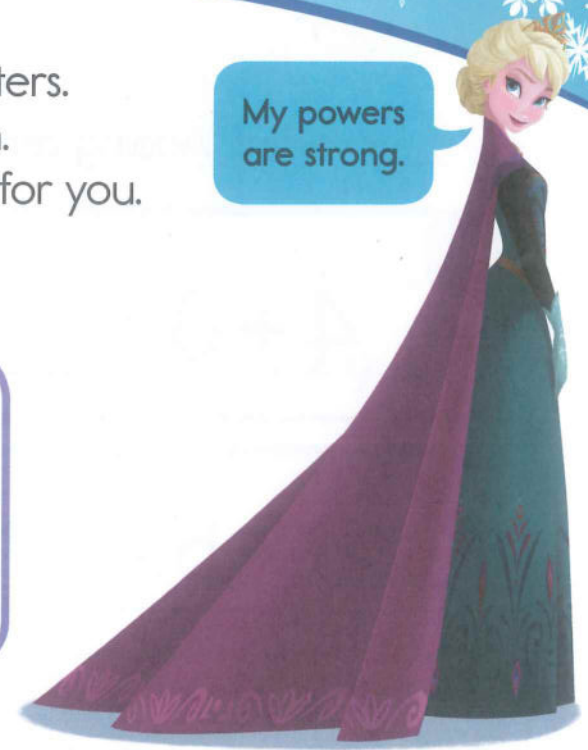
$$4 + 3 = \underline{\quad}$$

d



$$8 + 2 = \underline{\quad}$$

My powers
are strong.



LET'S ADD ZERO

Write the sum.

Hint: Adding zero does not change a number.

a $4 + 0 = \square$

e $0 + 8 = \square$

b $0 + 5 = \square$

f $12 + 0 = \square$

c $0 + 11 = \square$

g $4 + 0 = \square$

d $9 + 0 = \square$

I am Prince Hans of the Southern Isles.



Super Problems:

$500 + 0 = \square$

$1000 + 0 = \square$

LET'S RACE

Solve the problems to help Anna chase after Elsa.
Record your time and the number of correct answers.

On your mark, get set, go!

$6 + 4 =$	$7 + 3 =$	$5 + 6 =$	$2 + 9 =$
$4 + 2 =$	$3 + 3 =$	$8 + 4 =$	$3 + 6 =$
$6 + 3 =$	$0 + 8 =$	$9 + 3 =$	$6 + 6 =$
$8 + 3 =$	$2 + 3 =$	$7 + 2 =$	$1 + 3 =$
$6 + 0 =$	$3 + 4 =$	$3 + 2 =$	$1 + 7 =$
$6 + 2 =$	$4 + 5 =$	$10 + 2 =$	$10 + 0 =$

Time to Complete: _____

Total Answers: _____

Total Correct: _____



LET'S SUBTRACT

Read the problem.
Write the difference.



There are 3 .

2  melt away.
How many are left?

3 take away 2 is 1.

a There are 4 .

2  melt away.
How many are left?

 take away is .

b There are 6 .

2  walk away.
How many are left?

 take away is .

c There are 5 .

3  go out.
How many are left?

 take away is .

d There are 7 .

3  are picked.
How many are left?

 take away is .

e There are 9 .


2  are picked.
How many are left?

 take away is .

g There are 10 .

5  walk away.
How many are left?

 take away is .

f There are 11 .

8  go out.
How many are left?

 take away is .

h There are 12 .

7  melt away.
How many are left?

 take away is .

Write your own maths story.

There are snowflakes.

snowflakes melt away.

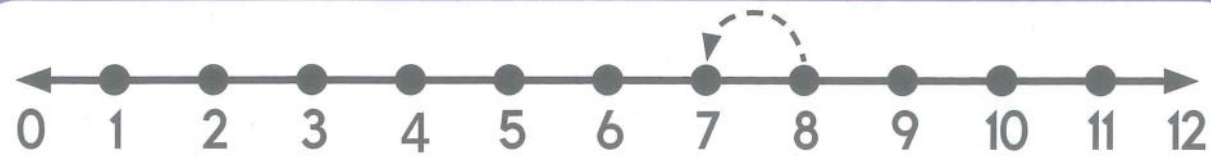
How many are left?

take away is .



COUNT BACK TO SUBTRACT

Count back to subtract using the number line.
Write the difference.



$$8 - 1 = \boxed{7}$$

a $9 - 1 = \boxed{}$

e $10 - 1 = \boxed{}$

b $8 - 2 = \boxed{}$

f $9 - 2 = \boxed{}$

c $5 - 1 = \boxed{}$

d $6 - 2 = \boxed{}$



Look out!
Reindeer
coming
through!

Use the number line.
Count back to subtract.
Write the difference.



g $9 - 3 = \boxed{}$

i $11 - 1 = \boxed{}$

h $12 - 2 = \boxed{}$

m $8 - 3 = \boxed{}$

i $10 - 3 = \boxed{}$

n $11 - 2 = \boxed{}$

j $12 - 3 = \boxed{}$

k $8 - 2 = \boxed{}$



Listen to
your heart!

LET'S SUBTRACT ZERO

Subtract. Write the difference.

Hint: Subtracting zero does not change the number.

a

$$2 - 0 = \square$$

e

$$7 - 0 = \square$$

b

$$10 - 0 = \square$$

f

$$5 - 0 = \square$$

c

$$4 - 0 = \square$$

g

$$9 - 0 = \square$$

d

$$11 - 0 = \square$$

h

$$6 - 0 = \square$$

FACT FAMILIES

Numbers in a fact family are related. Complete each fact family.
The first one is done for you. Use the dice to help.



$$4 + 3 = 7$$

$$3 + 4 = 7$$



$$7 - 3 = 4$$

$$7 - 4 = 3$$



$$6 + 5 = \underline{\quad}$$

$$\underline{\quad} + 6 = 11$$



$$11 - \underline{\quad} = 5$$

$$\underline{\quad} - 5 = 6$$

a



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

$$\underline{\quad} + 4 = 10$$



$$\underline{\quad} - \underline{\quad} = 6$$

$$\underline{\quad} - \underline{\quad} = 4$$

b



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

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



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

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

c



LET'S ADD AND SUBTRACT

Add or subtract. Write the answers.
The first ones are done for you.

+2

add 2	
BEFORE	AFTER
4	6
2	
8	
5	

-1

take away 1	
BEFORE	AFTER
6	5
3	
9	
11	



LET'S RACE

Solve the problems to escape the giant snowman.
Record your time and the number of correct answers.
On your mark, get set, go!

7 + 2 =	8 - 5 =	6 - 5 =	9 + 2 =
9 + 0 =	6 - 4 =	2 + 8 =	10 - 3 =
3 + 3 =	7 + 1 =	10 - 10 =	4 + 5 =
5 + 4 =	9 - 9 =	5 + 6 =	8 + 4 =
5 - 3 =	3 + 6 =	8 - 0 =	9 - 7 =
4 - 2 =	2 + 2 =	8 - 8 =	1 + 3 =

Time to Complete: _____

Total Answers: _____

Total Correct: _____



LET'S COUNT

1	2	3	4	5
6	7	8	9	10
11	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

- a Start at 5. Count on. Write the number. _____
- b Start at 15. Count on. Write the number. _____
- c Start at 25. Count back 2. Write the number. _____
- d Start at 30. Count back 4. Write the number. _____

LET'S COUNT BY 2

Count by twos.
Use your stickers to fill in the missing numbers.

- a  2, 4, , 8,
- b  12, , 16, 18,
- c  , 24, , 28,
- d  32, , 36, ,
- e  , 44, , 48,

LET'S COUNT BY 5

Count by fives.
Use your stickers to fill in the missing numbers.



S
T
A
R
T

5

20

30

40

50

F
I
N
I
S
H

LET'S COUNT BY 10

Count by tens.
Use your stickers to fill in the missing numbers.



S
T
A
R
T

10

40

60

80

100

F
I
N
I
S
H

LET'S COUNT

1	2	3	4	5
6	7	8	9	10
11	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


a Start at 2. Count by twos to 10.
Write the numbers. 2, 4, _____, _____, _____


b Start at 5. Count by fives to 25.
Write the numbers. 5, _____, _____, _____, _____


c Start at 10. Count by tens to 50.
Write the numbers. 10, _____, _____, _____, _____


LET'S ADD DOUBLES

Add the doubles. Write the sum.

a 
 $2 + 2 = \square$

c 
 $4 + 4 = \square$

b 
 $5 + 5 = \square$

d 
 $3 + 3 = \square$



e $10 + 10 = \square$

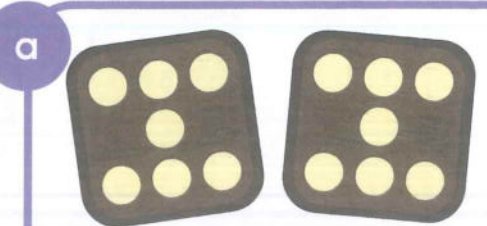
f $9 + 9 = \square$

Try this:

$8 + 8 = \square$

$80 + 80 = \square$

Use the doubles to help find the sum.



$$7 + 7 = \square$$

$$7 + 8 = \square$$



$$5 + 5 = \square$$

$$5 + 6 = \square$$



$$6 + 6 = \square$$

$$6 + 7 = \square$$



$$8 + 8 = \square$$

$$8 + 9 = \square$$

$$4 + 5 = \square$$

$$2 + 3 = \square$$

$$7 + 6 = \square$$

$$9 + 8 = \square$$

Don't worry about me!



Subtract. Write the difference.



$$14 - 7 = \square$$



$$16 - 8 = \square$$



$$18 - 9 = \square$$



$$12 - 6 = \square$$

$$6 - 3 = \square$$

$$2 - 1 = \square$$

$$10 - 5 = \square$$

I love warm hugs!



LET'S MATCH FACTS

Subtract.
Write the addition fact that matches.

$$8 - 6 = \boxed{2}$$

$$6 + \boxed{2} = 8$$



a

$$12 - 4 = \boxed{}$$

$$4 + \boxed{} = 12$$

c

$$9 - 3 = \boxed{}$$

$$3 + \boxed{} = 9$$

b

$$10 - 6 = \boxed{}$$

$$6 + \boxed{} = 10$$

d

$$11 - 7 = \boxed{}$$

$$7 + \boxed{} = 11$$

LET'S RACE

Help Kristoff reach Anna before she freezes.
Record your time and the number of correct answers.
On your mark, get set, go!

$11 - 7 =$	$13 - 9 =$	$9 - 8 =$	$10 - 6 =$
$14 - 1 =$	$10 - 5 =$	$8 - 7 =$	$11 - 4 =$
$9 - 6 =$	$9 - 4 =$	$7 - 6 =$	$12 - 3 =$
$9 - 7 =$	$15 - 2 =$	$10 - 4 =$	$12 - 2 =$
$8 - 6 =$	$14 - 0 =$	$11 - 2 =$	$9 - 5 =$
$14 - 3 =$	$11 - 6 =$	$16 - 2 =$	$10 - 2 =$



Time to Complete: _____

Total Answers: _____

Total Correct: _____



LET'S MATCH FACTS

Subtract.
Write the addition fact that matches.

$$16 - 7 = \boxed{9}$$

$$7 + \boxed{9} = 16$$



a

$$18 - 9 = \boxed{}$$

$$9 + \boxed{} = 18$$

c

$$12 - 5 = \boxed{}$$

$$5 + \boxed{} = 12$$

b

$$17 - 9 = \boxed{}$$

$$9 + \boxed{} = 17$$

d

$$15 - 7 = \boxed{}$$

$$7 + \boxed{} = 15$$

SOLVE WORD PROBLEMS

Read the problem.
Write the number sentence.

Olaf has 1 carrot.
Kristoff has 6 more.
How many carrots in all?

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

c Kristoff makes 10 snowballs.
Hans makes 6 more.
How many snowballs in all?

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

a

Anna has 10 dresses.
3 get wet in the snow.
How many are left?

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

d

Elsa makes 8 ice sculptures.
Kristoff makes 2 more.
How many sculptures in all?

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

b

Sven has 14 apples.
He eats 6 apples.
How many are left?

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



ADD AND SUBTRACT

Add or subtract to find the answers.
The first ones are done for you.

+ 3

add 3	
BEFORE	AFTER
11	14
10	
12	
15	

- 3







take away 3	
BEFORE	AFTER
14	11
12	
11	
18	



USE A GRAPH

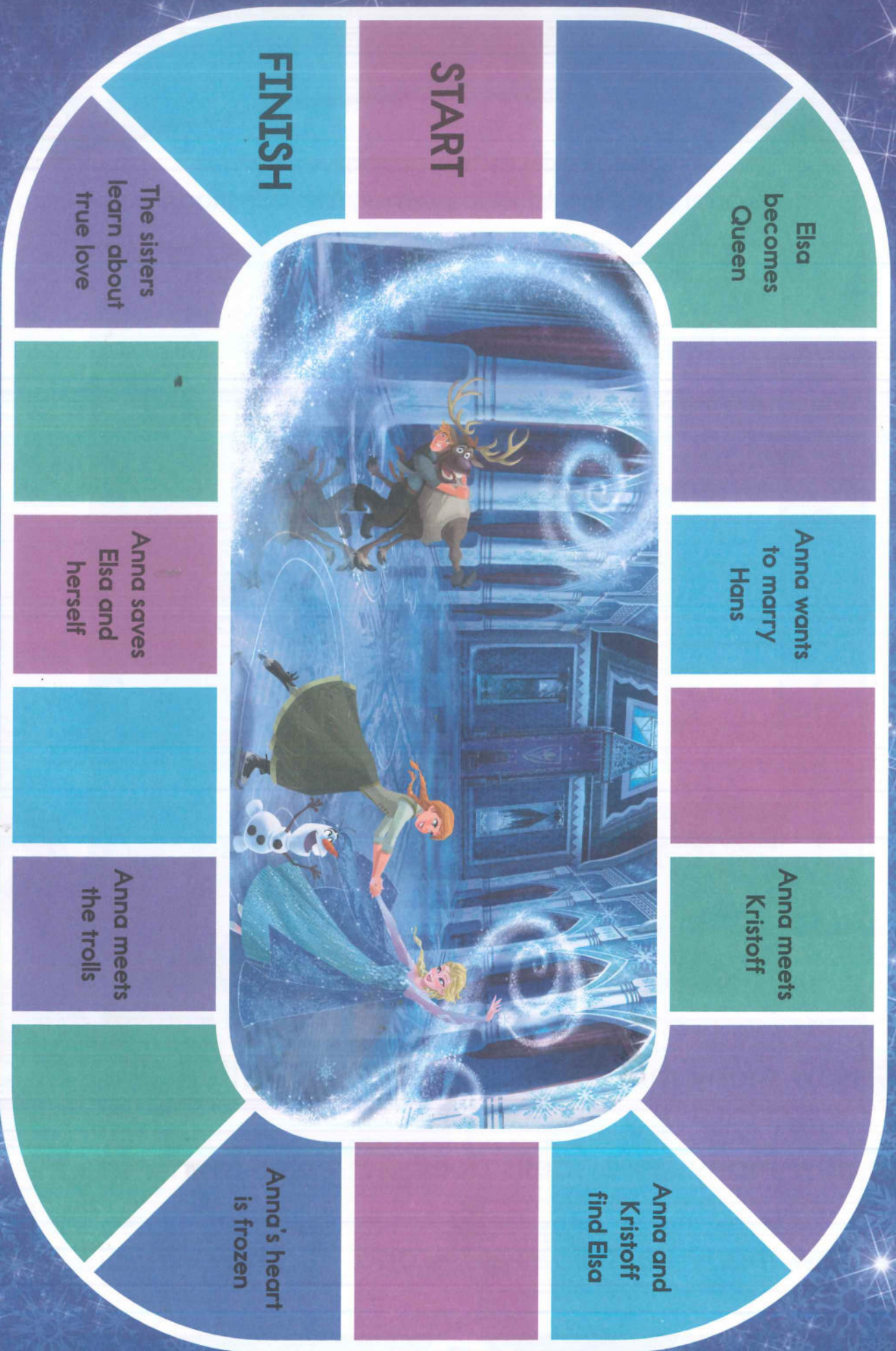
Look at the graph.
Count the cells to help answer the questions.

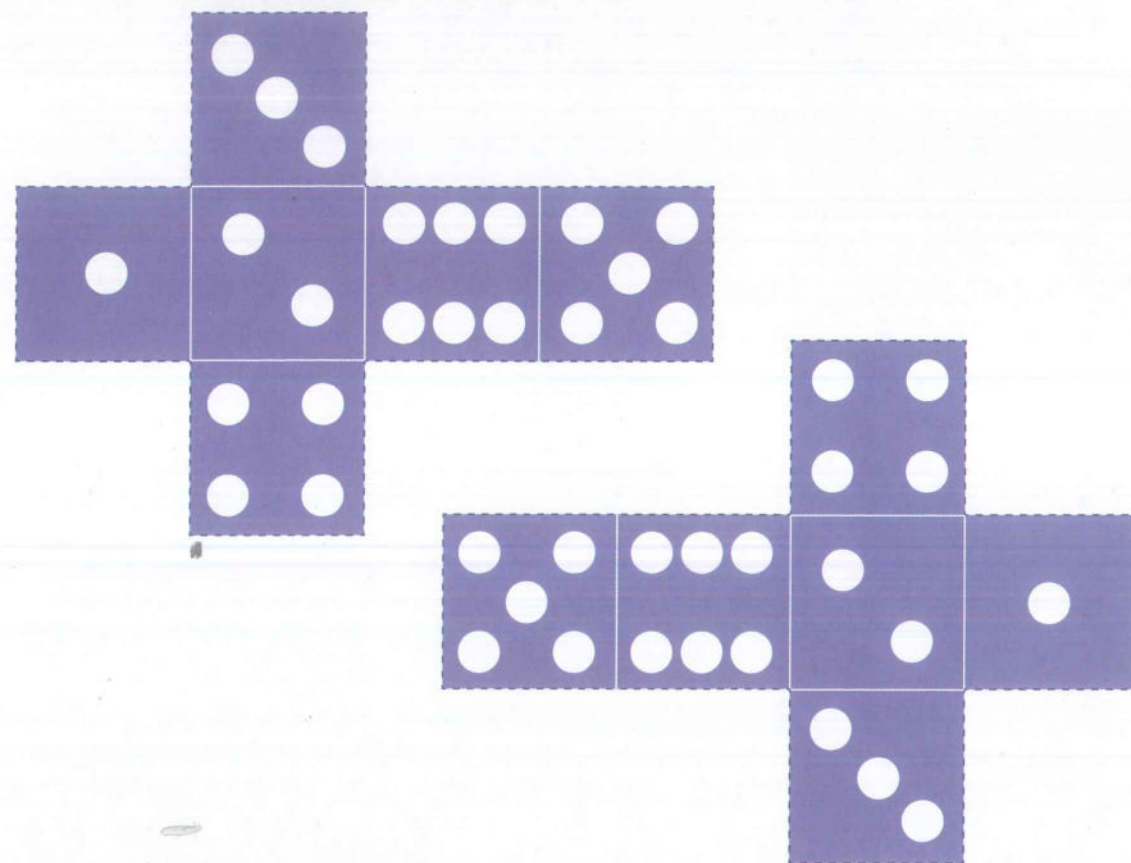


- a How many more cells does  have than  ?
- b How many fewer cells does  have than  ?
- c How many cells does  and  have in all?

Turn the page
and cut out the
game pieces!

True Love Race Game





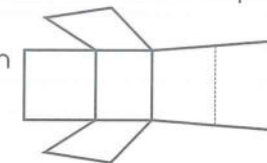
True Love Race Game

A game for two to four players

Set Up

- Carefully cut around the blue lines on the game pieces found on page 40. Fold the game pieces in half on the white line so they stand upright.
- Carefully cut out the dice found on page 40. Make each die by following the directions below:

1. Fold each die on the white lines.



2. Tape the edges of each die to make a cube.



3. You are ready to roll!



- Each player chooses a game piece and places his or her game piece on the **START** space.
- Decide which player will go first.
- Play proceeds in a clockwise direction.

Play True Love Race Game











- Players take turns rolling the dice. For each turn, players:
 - Add the numbers together
 - Subtract 2 from the sum
 - Move ahead that many spaces
- The first player to reach the **FINISH** space is the winner!



ANSWERS

PAGES 6-7

Answers will vary

7		4 and 3
7		5 and 2
8		4 and 4
8		6 and 2
9		3 and 6
9		7 and 2
10		5 and 5
10		8 and 2
11		7 and 4
11		5 and 6

PAGES 8-9

- a) 5 and 1 more is 6.
b) 6 and 3 more is 9.
c) 4 and 2 more is 6.
d) 7 and 2 more is 9.
e) 4 and 3 more is 7.
f) 7 and 4 more is 11.
g) 6 and 4 more is 10.
h) 7 and 3 more is 10.

PAGE 10

- a) 8
b) 11
c) 12
d) 5
e) 8
f) 12

PAGE 11


- a) 9, 9
b) 10, 10
c) 5, 5
d) 6, 6
e) 5, 5
Try this: $1 + 7 = 8$





PAGE 12


- a) 6
b) 9
c) 7
d) 5

PAGE 13

a) 
 $7 + 1 = 8$

b) 
 $4 + 3 = 7$

c) 
 $6 + 3 = 9$

d) 
 $8 + 2 = 10$

PAGE 14

- a) 4
b) 5
c) 11
d) 9
e) 8
f) 12
g) 4

Super problems:
500, 1000

PAGE 15

$6 + 4 = 10$	$7 + 3 = 10$	$5 + 6 = 11$	$2 + 9 = 11$
$4 + 2 = 6$	$3 + 3 = 6$	$8 + 4 = 12$	$3 + 6 = 9$
$6 + 3 = 9$	$0 + 8 = 8$	$9 + 3 = 12$	$6 + 6 = 12$
$8 + 3 = 11$	$2 + 3 = 5$	$7 + 2 = 9$	$1 + 3 = 4$
$6 + 0 = 6$	$3 + 4 = 7$	$3 + 2 = 5$	$1 + 7 = 8$
$6 + 2 = 8$	$4 + 5 = 9$	$10 + 2 = 12$	$10 + 0 = 10$

ANSWERS

PAGES 16-17

- a) 4 take away 2 is 2.
b) 6 take away 2 is 4.
c) 5 take away 3 is 2.
d) 7 take away 3 is 4.
e) 9 take away 2 is 7.
f) 11 take away 8 is 3.
g) 10 take away 5 is 5.
h) 12 take away 7 is 5.



PAGES 18-19



- a) 8 h) 10
b) 6 i) 7
c) 4 j) 9
d) 4 k) 6
e) 9 l) 10
f) 7 m) 5
g) 6 n) 9



PAGE 20

- a) 2
b) 10
c) 4
d) 11
e) 7
f) 5
g) 9
h) 6

PAGE 21

a) 
 $6 + 5 = 11$ 
 $11 - 6 = 5$
 $5 + 6 = 11$ $11 - 5 = 6$

b) 
 $4 + 6 = 10$ 
 $10 - 4 = 6$
 $6 + 4 = 10$ $10 - 6 = 4$

c) 
 $5 + 4 = 9$ 
 $9 - 4 = 5$
 $4 + 5 = 9$ $9 - 5 = 4$

PAGE 22

add 2		take away 1	
BEFORE	AFTER	BEFORE	AFTER
4	6	6	5
2	4	3	2
8	10	9	8
5	7	11	10

PAGE 23

$7 + 2 = 9$	$8 - 5 = 3$	$6 - 5 = 1$	$9 + 2 = 11$
$9 + 0 = 9$	$6 - 4 = 2$	$2 + 8 = 10$	$10 - 3 = 7$
$3 + 3 = 6$	$7 + 1 = 8$	$10 - 10 = 0$	$4 + 5 = 9$
$5 + 4 = 9$	$9 - 9 = 0$	$5 + 6 = 11$	$8 + 4 = 12$
$5 - 3 = 2$	$3 + 6 = 9$	$8 - 0 = 8$	$9 - 7 = 2$
$4 - 2 = 2$	$2 + 2 = 4$	$8 - 8 = 0$	$1 + 3 = 4$

PAGE 24

- a) 8
b) 20
c) 23
d) 26

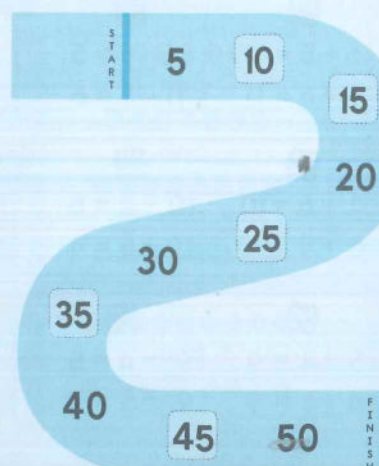
PAGE 25

- a) 2, 4, 6, 8, 10
b) 12, 14, 16, 18, 20
c) 22, 24, 26, 28, 30
d) 32, 34, 36, 38, 40
e) 42, 44, 46, 48, 50

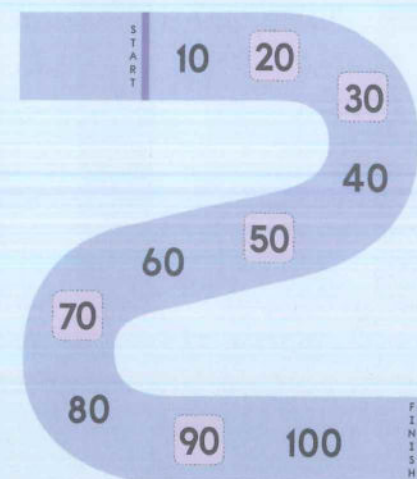


Put a snowflake sticker next to the things that you can do.

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PAGE 28

- a) 2, 4, 6, 8, 10
- b) 5, 10, 15, 20, 25
- c) 10, 20, 30, 40, 50

PAGE 29

- a) 4
 - b) 10
 - c) 8
 - d) 6
 - e) 20
 - f) 18
- Try this: 16, 160

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- a) 14, 15
- b) 12, 13
- c) 10, 11
- d) 16, 17
- e) 9
- f) 13
- g) 5
- h) 17

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- a) 7
- b) 9
- c) 8
- d) 6
- e) 3
- f) 1
- g) 5

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- a) 8, 8
- b) 4, 4
- c) 6, 6
- d) 4, 4

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$11 - 7 = 4$	$13 - 9 = 4$	$9 - 8 = 1$	$10 - 6 = 4$
$14 - 1 = 13$	$10 - 5 = 5$	$8 - 7 = 1$	$11 - 4 = 7$
$9 - 6 = 3$	$9 - 4 = 5$	$7 - 6 = 1$	$12 - 3 = 9$
$9 - 7 = 2$	$15 - 2 = 13$	$10 - 4 = 6$	$12 - 2 = 10$
$8 - 6 = 2$	$14 - 0 = 14$	$11 - 2 = 9$	$9 - 5 = 4$
$14 - 3 = 11$	$11 - 6 = 5$	$16 - 2 = 14$	$10 - 2 = 8$

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- a) 9, 9
- b) 8, 8
- c) 7, 7
- d) 8, 8

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- a) $10 - 3 = 7$
- b) $14 - 6 = 8$
- c) $10 + 6 = 16$
- d) $8 + 2 = 10$

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add 3		take away 3	
BEFORE	AFTER	BEFORE	AFTER
11	14	14	11
10	13	12	9
12	15	11	8
15	18	18	15

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- a) 5
- b) 4
- c) 12

I can ...

Show different ways to make numbers

Count by twos

Count by fives

Count by tens

Solve word problems

Use a graph

Add or subtract zero

Rearrange number sentences

Find sums by ...

Counting on by 1, 2 or 3

Adding five

Using doubles

Adding ten

Find differences by ...

Taking away

Counting back by 1, 2 or 3

Using doubles



Maths-fact stories

Say a maths fact aloud, such as $2 + 1 = 3$. Ask your child to use characters from *Frozen* to tell a story that illustrates the maths fact. For example, Anna was out picking flowers. She picked two flowers. Then she picked one more. Anna picked three flowers in all.

Dice game

Ask your child to roll two dice. As your child rolls the dice, call out 'add' or 'subtract'. Then have your child quickly add or subtract the two numbers. Switch roles.

Hide-and-seek sums

Place ten small objects, such as buttons or beans, on a table or counter. Then hide three objects in your pocket. Ask your child to look at the number of objects on the counter to figure out the hidden amount. Ask, 'What do you need to make ten? Can you guess how many beans I have in my pocket?'

Rhymes

- Let's not be so late.
Two plus six is eight.
- Please don't trip on sticks.
Three plus three is six.
- Five plus five is ten.
Let's do this again.



ADDITION AND SUBTRACTION



(Name)

*Congratulations!
You finished the workbook!*

(Date)

(Parent's Signature)