

Exercise 7

Basics

- 1 (a) Count on by ones and write the numbers between 496 and 503.

496							503
-----	--	--	--	--	--	--	-----

- (b) Count back by ones and write the numbers between 315 and 308.

315							308
-----	--	--	--	--	--	--	-----

- (c) Count on by tens and write the numbers between 572 and 642.

572							642
-----	--	--	--	--	--	--	-----

- (d) Count back by tens and write the numbers between 949 and 879.

949							879
-----	--	--	--	--	--	--	-----

- (e) Count on by hundreds and write the numbers between 35 and 735.

35							735
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- (f) Count back by hundreds and write the numbers between 706 and 6.

706							6
-----	--	--	--	--	--	--	---

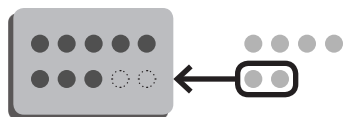


Chapter 2 Addition and Subtraction — Part 1

Exercise 1

Basics

- 1 Find the value of $8 + 6$.

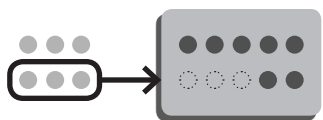


$$8 + 6 = 10 + \boxed{}$$

2
4

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

- 2 Find the value of $6 + 7$.



$$6 + 7 = \boxed{} + 10$$

3
3

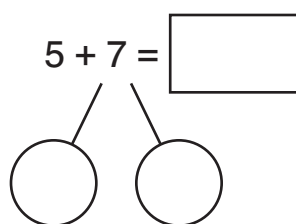
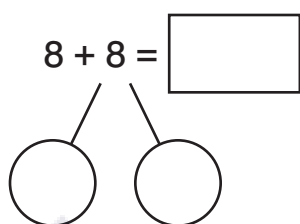
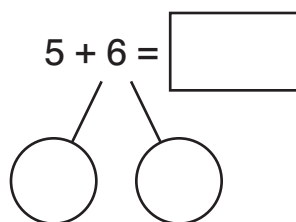
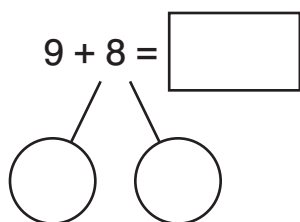
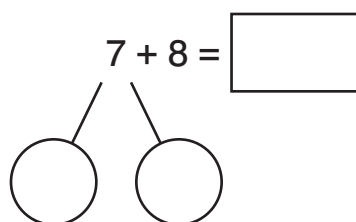
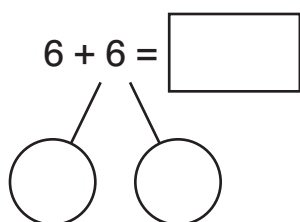
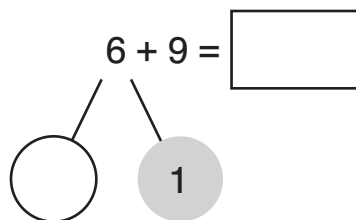
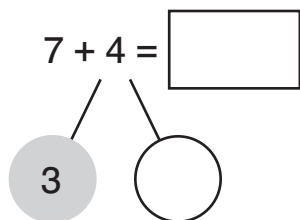
$$6 + 7 = \boxed{}$$

Practice

- 3 Circle to make 10.
Write the missing numbers.

<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> $9 + 5 = 10 + \boxed{}$ $9 + 5 = \boxed{}$	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> $8 + 9 = 10 + \boxed{}$ $8 + 9 = \boxed{}$
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> $5 + 8 = 10 + \boxed{}$ $5 + 8 = \boxed{}$	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> $7 + 7 = 10 + \boxed{}$ $7 + 7 = \boxed{}$

- 4** Complete the number bonds to show addition by making 10.
Fill in the missing numbers.



- 5** (a) $9 + 3 = \square$
(c) $7 + 9 = \square$
(e) $6 + 5 = \square$
(g) $2 + 9 = \square$

- (b) $5 + 9 = \square$
(d) $4 + 9 = \square$
(f) $9 + 9 = \square$
(h) $8 + 4 = \square$

Exercise 2

Basics

- 1 Find the value of $14 - 8$ by subtracting from the ten.



$$10 - 8 = \square$$

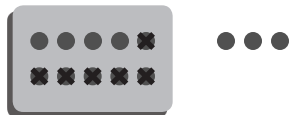
$$14 - 8 = \square + 4$$

$$14 - 8 = \square$$

4
10

- 2 Cross off on the ten-frame card.

$$13 - 6 = \square + 3$$



$$13 - 6 = \square$$

3
10

$$13 - 8 = \square + 3$$



$$13 - 8 = \square$$

3
10

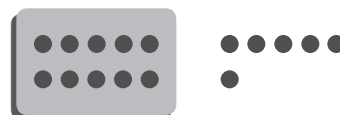
$$14 - 9 = \square + 4$$



$$14 - 9 = \square$$

4
10

$$16 - 7 = \square + 6$$



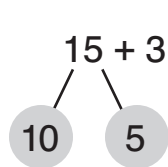
$$16 - 7 = \square$$

6
10

7 Add or subtract the ones.

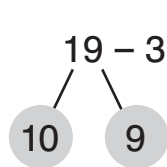
(a) $5 + 3 = \square$

$15 + 3 = \square$



(b) $9 - 3 = \square$

$19 - 3 = \square$



8 (a) $14 + 2 = \square$

(c) $6 + 8 = \square$

(e) $9 + 6 = \square$

(g) $12 + 5 = \square$

(i) $4 + 8 = \square$

(b) $16 - 4 = \square$

(d) $18 - 9 = \square$

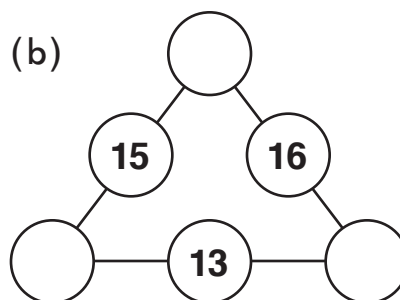
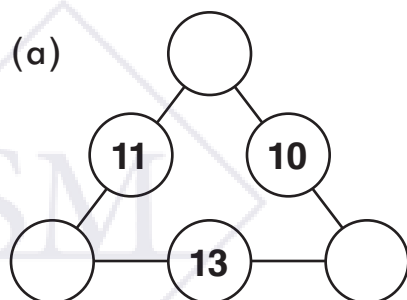
(f) $12 - 7 = \square$

(h) $17 - 4 = \square$

(j) $14 - 5 = \square$

Challenge

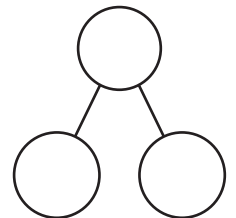
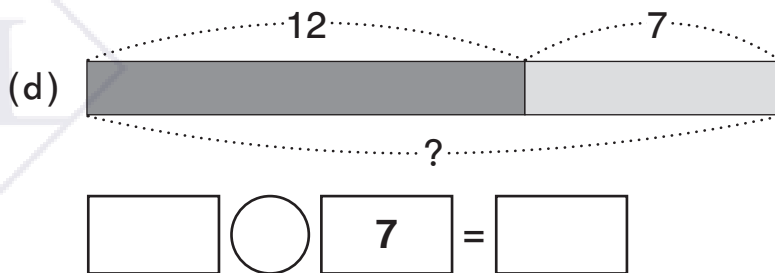
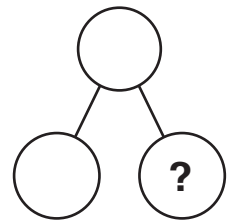
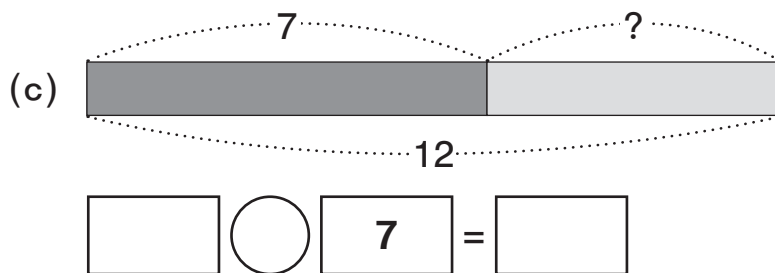
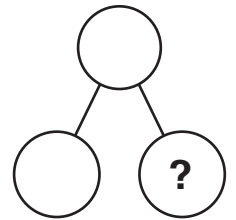
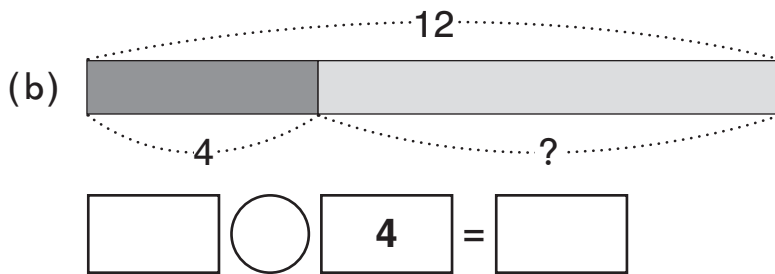
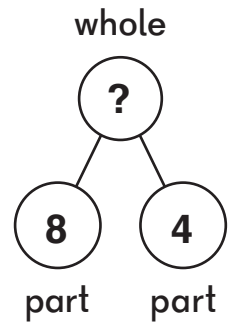
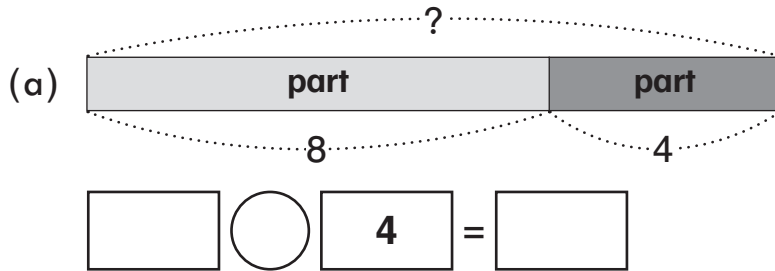
9 The numbers at the corners of the triangles add up to the number between them.
Find the missing numbers.



Exercise 3

Basics

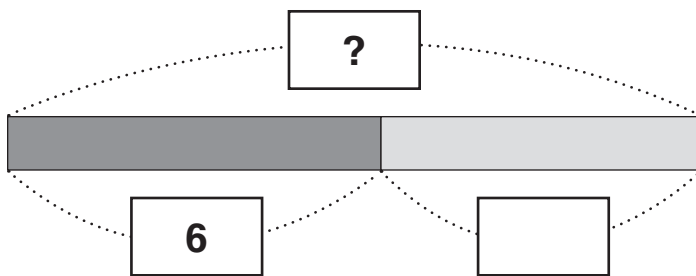
- 1 Complete the number bond using the information in the model.
Complete the equation and find the missing number.



Practice

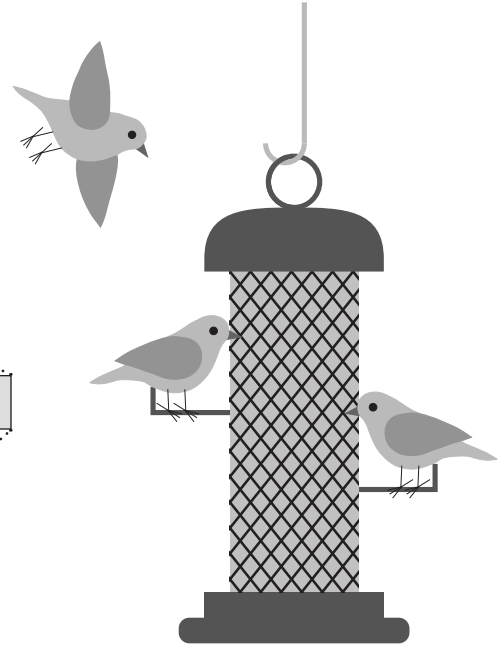
- 2 Decide if the problem is asking for a whole or a part.
Write the missing numbers on the model with the numbers from the problem.
Use question mark for what the problem asks for.
Write an equation.

- (a) There are 6 birds at the feeder.
5 more birds come.
Now how many birds are at the feeder?

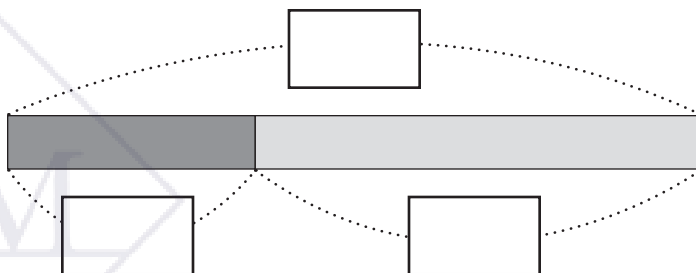


$$6 + 5 = 11$$

There are _____ birds at the feeder.

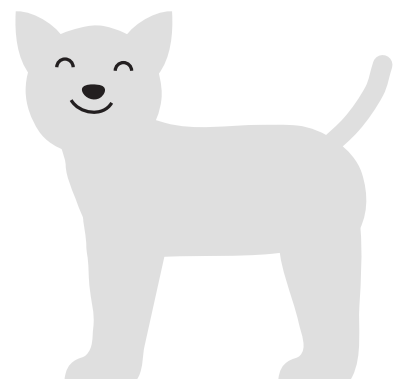


- (b) 14 dogs are in the dog park.
After some leave, there are still 9 dogs in the dog park.
How many dogs went home?



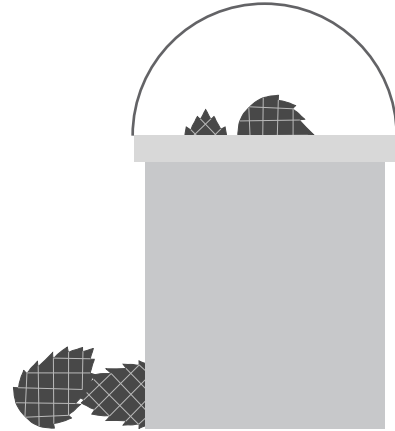
$$\square \bigcirc \square = \square$$

_____ dogs went home.



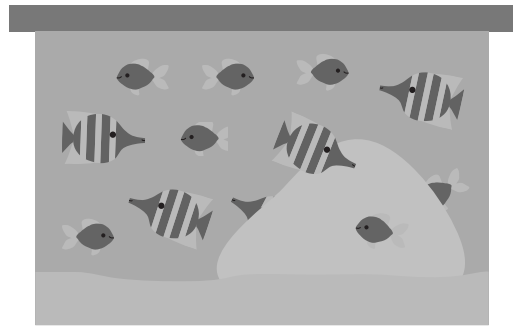
3 Write an equation.

- (a) Connor and Daniel collected 17 pinecones.
Connor collected 8 pinecones.
How many pinecones did Daniel collect?



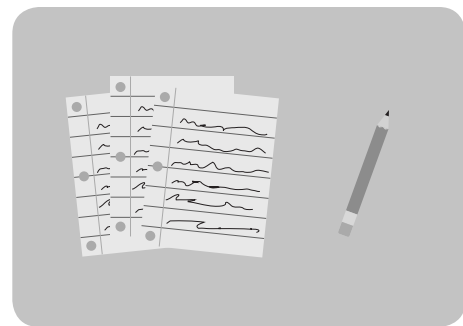
Daniel collected _____ pinecones.

- (b) There are 13 goldfish in a fish tank.
There are also 6 angelfish.
How many fish are in the tank?

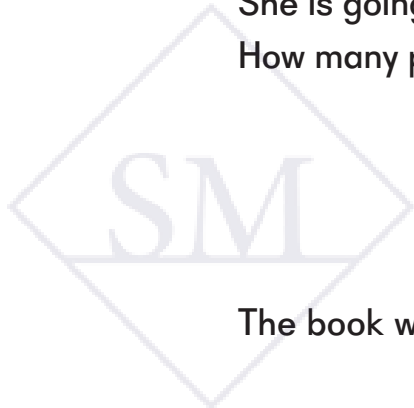


There are _____ fish in the tank.

- (c) Emily is writing a storybook.
She has written 8 pages so far.
She is going to write another 5 pages.
How many pages will the book have?



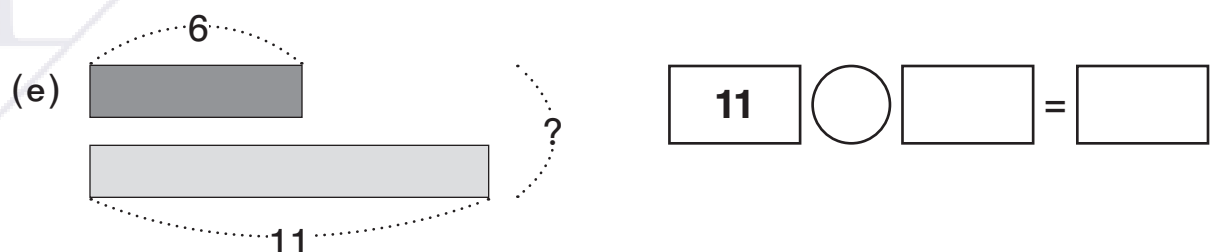
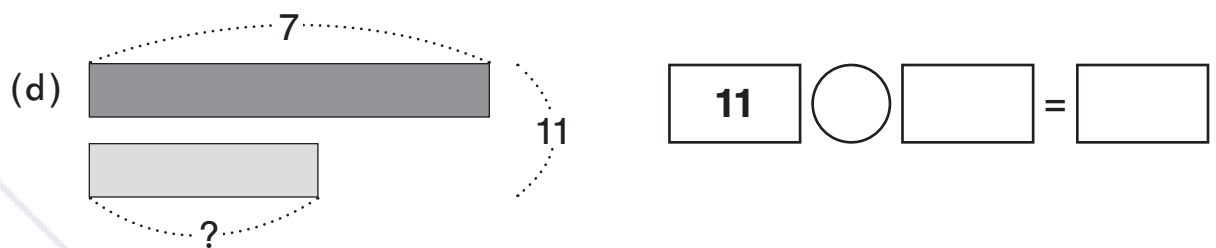
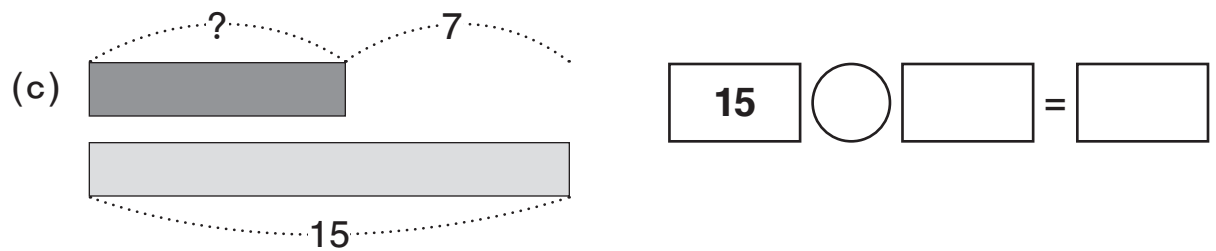
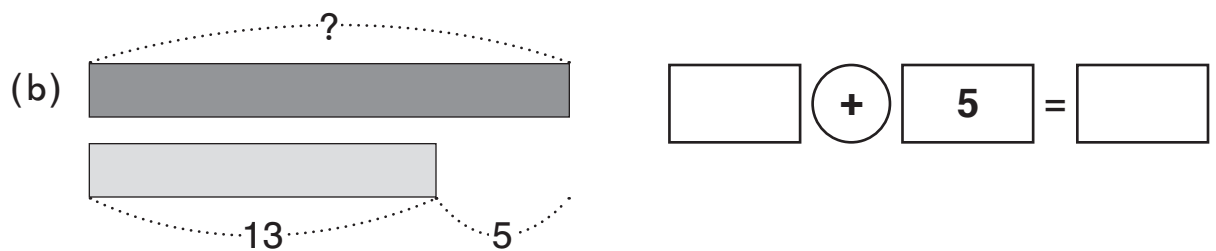
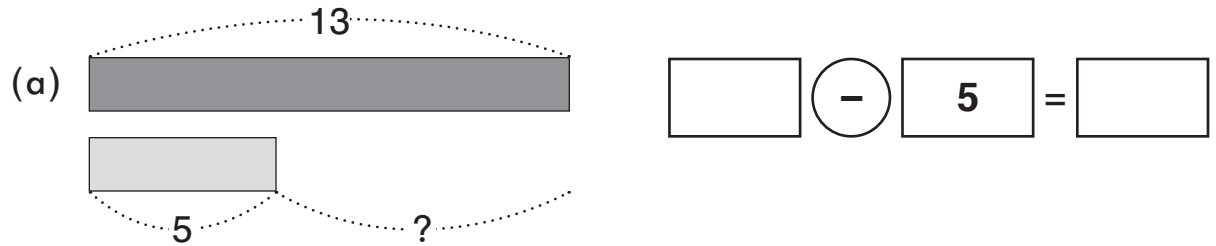
The book will have _____ pages.



Exercise 4

Basics

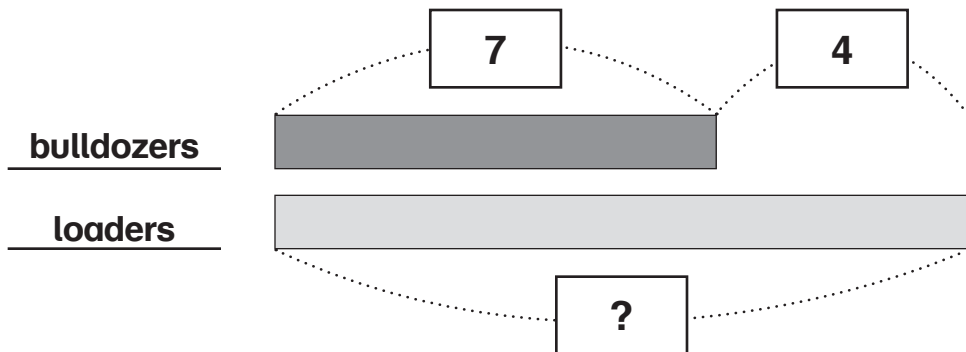
1 Use the information in the model and complete the equation.



Practice

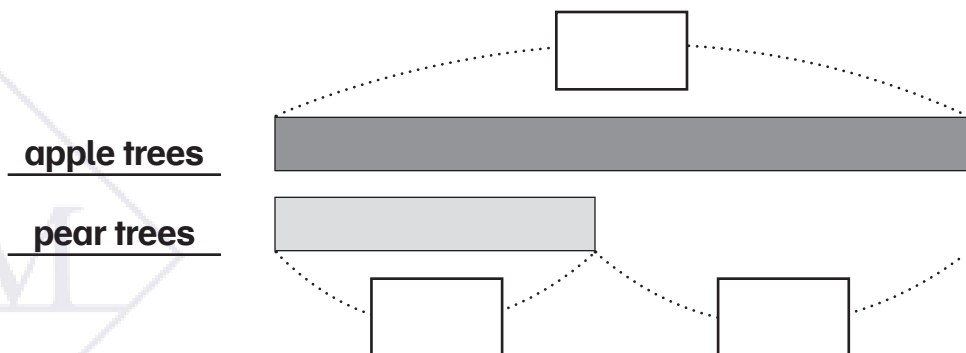
- 2** Complete the models with the information in the problem.
Use a question mark for what the problem asks for.
Write an equation.

- (a) There are 7 bulldozers at a construction site.
There are 4 more loaders than bulldozers at the site.
How many loaders are there?



There are _____ loaders.

- (b) Jaiden has 15 apple trees.
He has 8 fewer pear trees than apple trees.
How many pear trees does he have?



He has _____ pear trees.

3 Write an equation.

- (a) Mr. Jackson planted 11 rosebushes.
He planted 4 more rosebushes than holly bushes.
How many holly bushes did he plant?

He planted _____ holly bushes.

- (b) Hazel's hens laid 12 white eggs and 9 brown eggs.
How many fewer brown eggs did the hens lay than white eggs?

The hens laid _____ fewer brown than white eggs.

Challenge

- 4** Debra made some apple pies and cherry pies.
She made 10 apple pies.
She made 3 fewer cherry pies than apple pies.
How many pies did she make in all?

She made _____ pies.

Chapter 3 Addition and Subtraction — Part 2

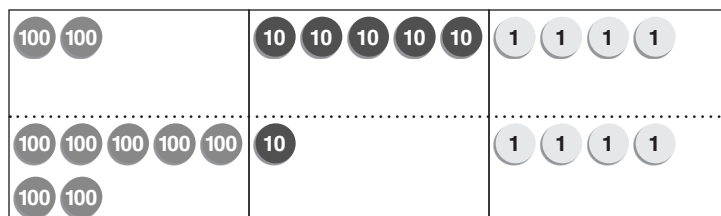
Exercise 1

Basics

1 (a) Add 254 and 714.

	2	5	4
+	7	1	4

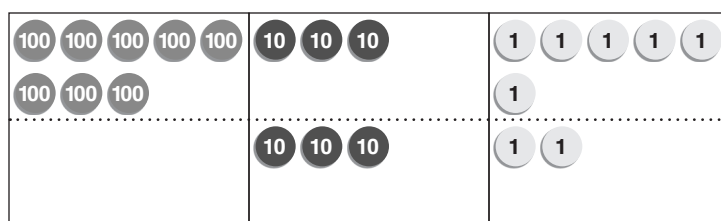
$$254 + 714 = \boxed{}$$



(b) Add 32 and 836.

	8	3	6
+		3	2

$$32 + 836 = \boxed{}$$



Practice

2 Add.

(a)

	4	2
+	3	0

(b)

	2	8
+	6	1

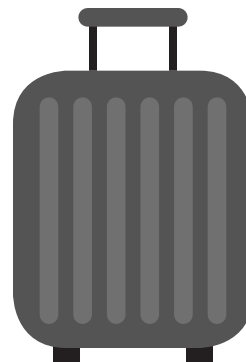
(c)

	7	3
+	2	5

- 6 803 planes took off from an airport one day.
758 planes landed at that airport the same day.
How many fewer planes landed than took off?

_____ fewer planes landed than took off.

- 7 There were 805 suitcases in the cargo hold of an airplane.
39 suitcases have already been taken out of the cargo hold.
How many suitcases are still in the cargo hold?



_____ suitcases are still in the cargo hold.

- 8 A round-trip ticket to another city costs \$700.
A one-way ticket costs \$370.
How much more does the round-trip ticket cost than the one-way ticket?



The round-trip ticket costs \$_____ more than the one-way ticket.

Exercise 12

Check

- 1 Write one addition and one subtraction equation.
Use all the numbers in the box.

467 737
375 243
710 362

$$\square + \square = \square$$

$$\square - \square = \square$$

- 2 Circle the greatest number and cross out the least number.

(a)

680 - 145

500 + 50 + 5

432 + 98

49 tens

4 hundreds
16 tens

(b)

900 - 734

932 - 637

2 hundreds
60 ones

one hundred
sixty-three

189 + 76

(c)

6 hundreds -
12 ones

4 hundreds +
17 tens

234 + 392

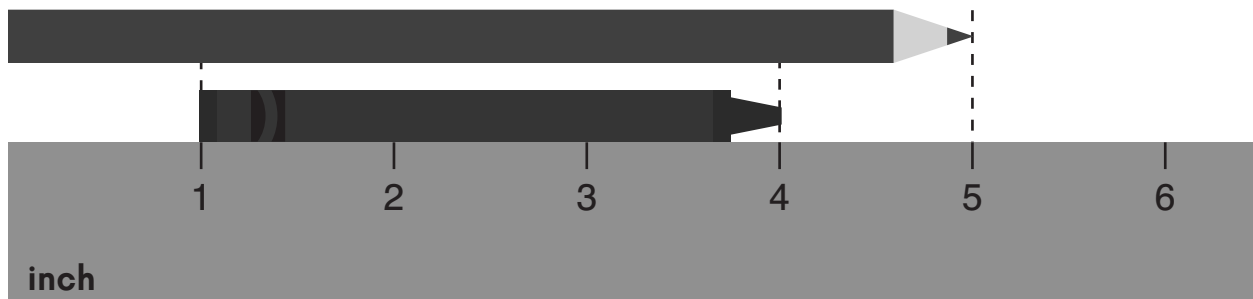
60 + 9 + 500

956 - 382

Exercise 5

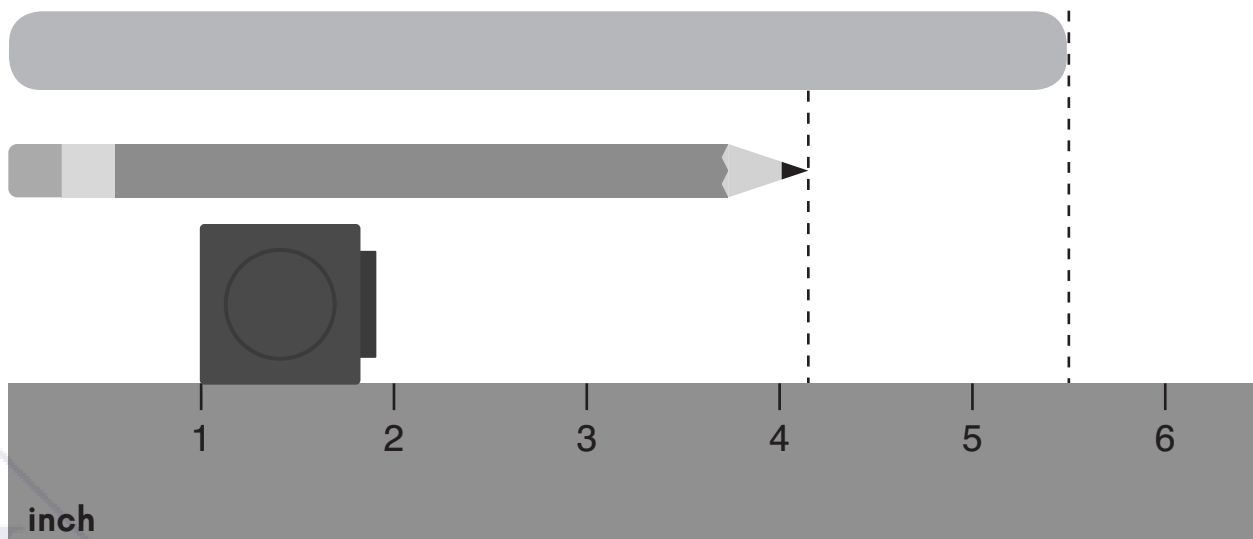
Basics

1 This is an inch ruler.



- (a) The pencil is _____ in long.
- (b) The crayon is _____ in long.
- (c) The crayon is _____ in shorter than the pencil.

2



- (a) The craft stick is between _____ in and _____ in long.
- (b) The pencil is about _____ in long.
- (c) The linking cube is almost _____ in long.

- 2 A chicken weighs 9 lb.
A turkey weighs 17 lb more than the chicken.
How much does the turkey weigh?

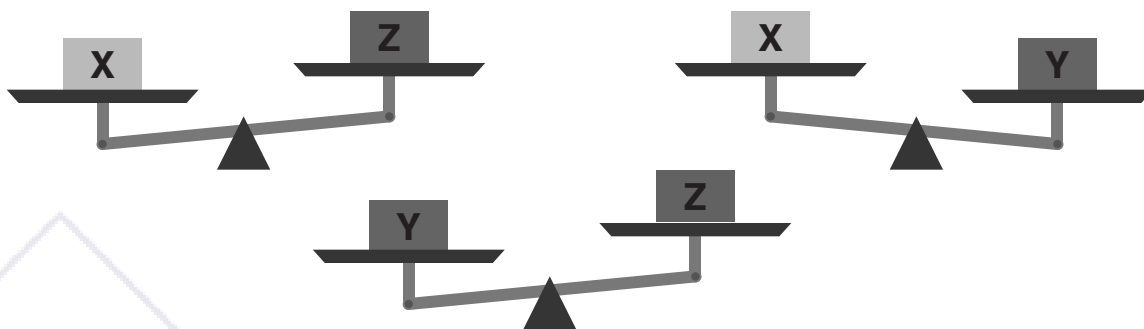
The turkey weighs _____ lb.

- 3 Two packages weigh 985 g.
The lighter one weighs 349 g.
How much does the heavier one weigh?

The lighter package weighs _____ g.

Challenge

- 4 Study the balances, then match the boxes to their masses.



X
Y
Z

130 g
460 g
820 g