

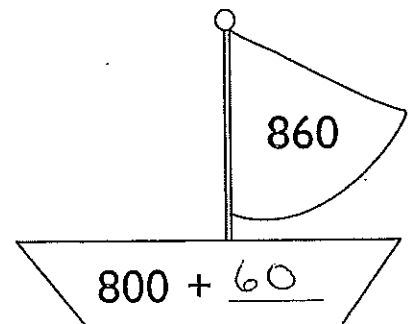
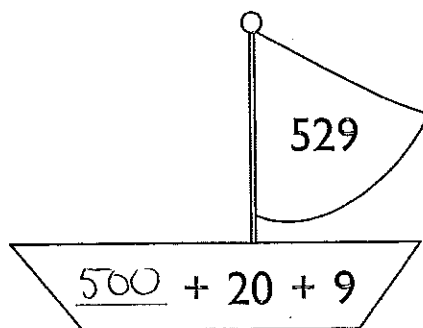
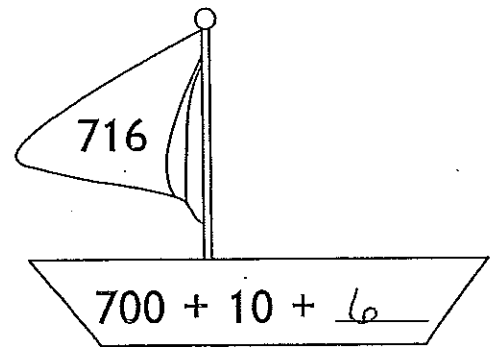
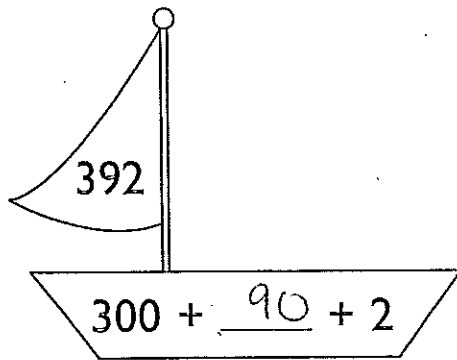
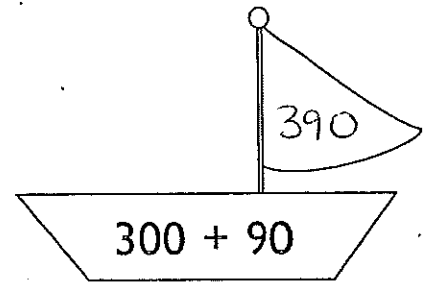
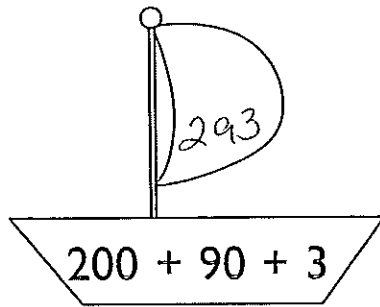
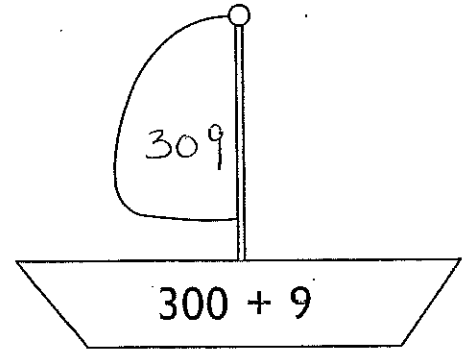
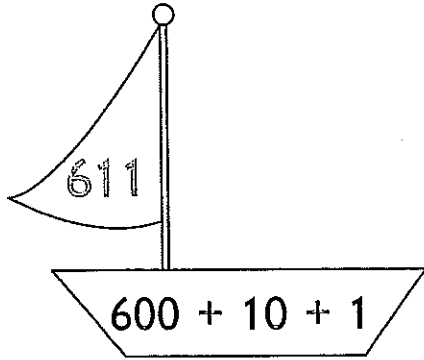
PRIMARY Standards Edition MATHEMATICS

WORKBOOK

Answer Key



2. Write the missing numbers.



5. Write the greatest and smallest 3-digit numbers using all the digits given below.

5 1 3

(a) The greatest number is 531.

(b) The smallest number is 135.

6. Write $>$, $<$ or $=$.

greater $>$ *smaller*
number number

smaller $<$ *greater*
number number

(a) $345 < 453$

(b) $107 > 97$

(c) $1000 > 100$

(d) $821 < 841$

(e) $457 > 451$

(f) $400 + 50 + 9 \overset{459}{>} 100 + 90 + 5 \overset{195}{}$

(g) $60 + 200 + 5 \overset{265}{<} 9 + 40 + 800 \overset{849}{}$

(h) Eight hundred twenty \bigcirc eight hundred ninety

(i) $41 + 10 = 51$

(j) $70 + 10 \overset{80}{>} 90 - 20 \overset{70}{}$

7. What is the greatest 3-digit number? 999

8. What is the smallest 3-digit number? 100

Name: _____

Class: _____

Date: _____

Points

20

Cumulative
Test A
Unit 1

1. $608 =$ 6 hundreds 0 tens 8 ones

2. 1 more than 399 is 400.

3. 1 less than 278 is 277.

4. 10 more than 480 is 490.

5. 10 less than 875 is 865.

6. Write the numbers:

(a) six hundred thirteen 613

(b) four hundred five 405

7. Write the numbers in words.

(a) 49 forty nine

(b) 712 seven hundred twelve

8. There are 100 tens in 1000.

9. $205 + 100 = \underline{305}$

10. $705 - 100 = \underline{605}$

11. Write $>$ or $<$ in the \bigcirc .

(a) 5 hundreds 7 ones \bigcirc 571
507

(b) Three hundred thirteen \bigcirc 303
313

(c) 710 \bigcirc 701

12. Arrange the numbers in order.

Begin with the greatest.

134

431

341

314

431, 341, 314, 134
 greatest

13. What is the smallest number that can be made with the digits 7, 4 and 6? 467

14. What is the greatest number that can be made with the digits 5, 3 and 9? 953

15. Count on by 10's.

364, 374, 384, 394, 404

(394
+ 10
404)

4

th the

th the

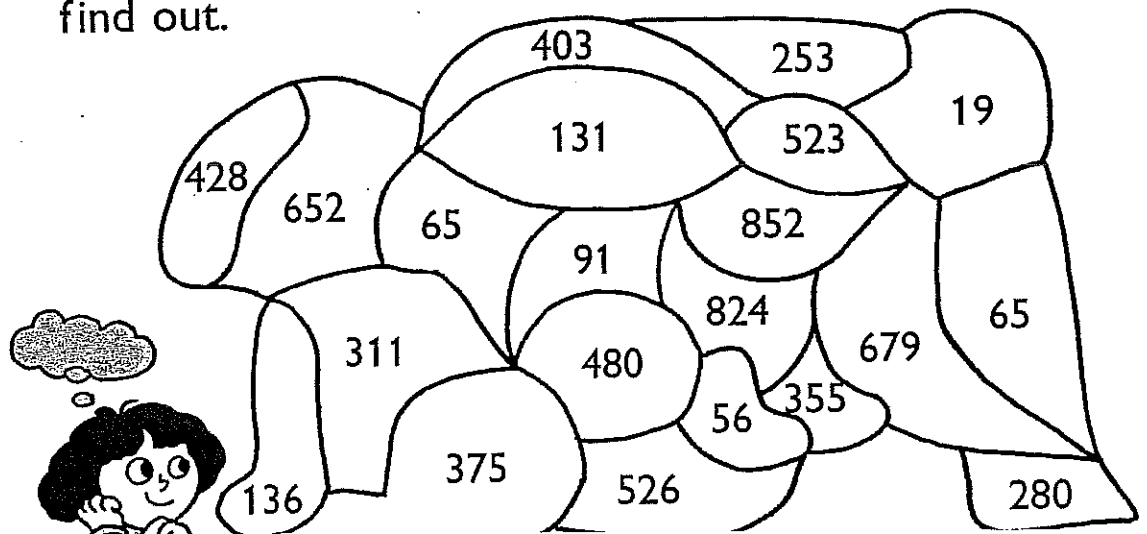
Addition with Renaming

2. Add.

$\begin{array}{r} 36 \\ + 55 \\ \hline 91 \end{array}$	$\begin{array}{r} 49 \\ + 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 317 \\ + 38 \\ \hline 355 \end{array}$
$\begin{array}{r} 128 \\ + 3 \\ \hline 131 \end{array}$	$\begin{array}{r} 461 \\ + 62 \\ \hline 523 \end{array}$	$\begin{array}{r} 206 \\ + 274 \\ \hline 480 \end{array}$
$\begin{array}{r} 543 \\ + 281 \\ \hline 824 \end{array}$	$\begin{array}{r} 152 \\ + 251 \\ \hline 403 \end{array}$	$\begin{array}{r} 607 \\ + 245 \\ \hline 852 \end{array}$

Which animal is Alice's pet?

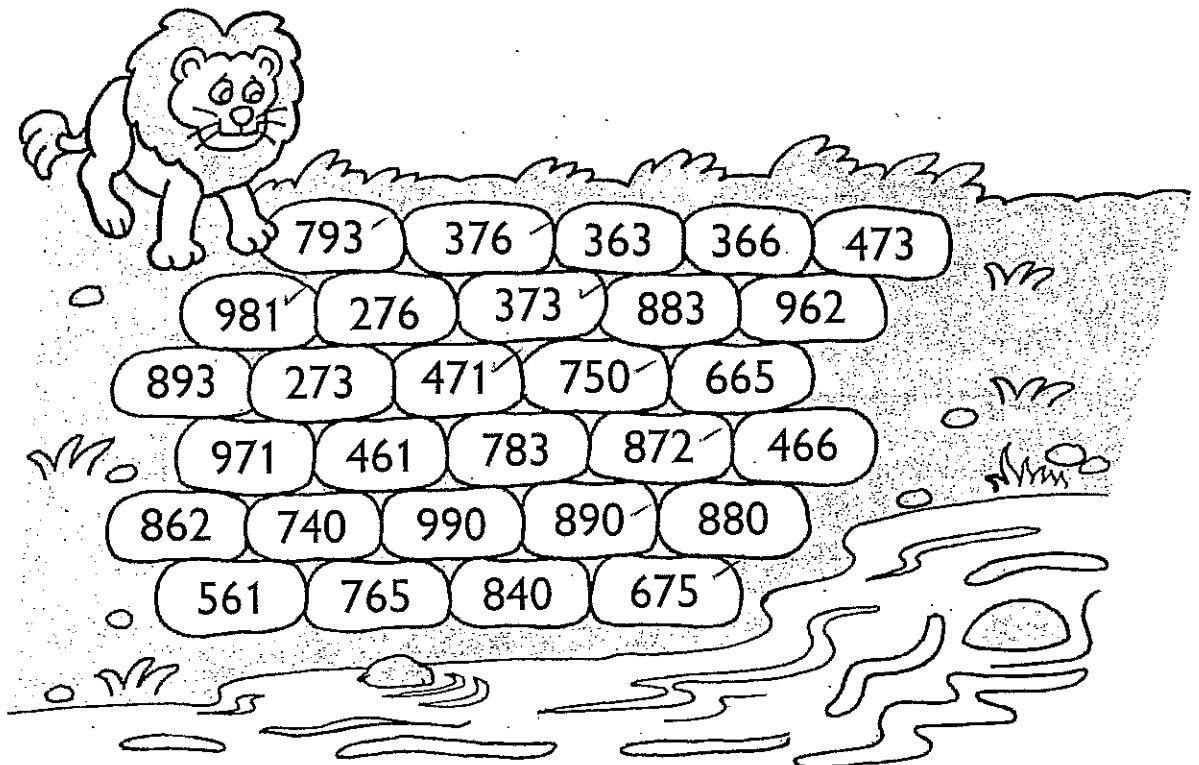
Color the spaces that contain the answers to find out.



2. Add.

$\begin{array}{r} 913 \\ + 68 \\ \hline 981 \end{array}$	$\begin{array}{r} 234 \\ + 139 \\ \hline 373 \end{array}$	$\begin{array}{r} 402 \\ + 69 \\ \hline 471 \end{array}$
$\begin{array}{r} 527 \\ + 266 \\ \hline 793 \end{array}$	$\begin{array}{r} 703 \\ + 169 \\ \hline 872 \end{array}$	$\begin{array}{r} 328 \\ + 48 \\ \hline 376 \end{array}$
$\begin{array}{r} 605 \\ + 145 \\ \hline 750 \end{array}$	$\begin{array}{r} 346 \\ + 329 \\ \hline 675 \end{array}$	$\begin{array}{r} 836 \\ + 54 \\ \hline 890 \end{array}$

Color the spaces which contain the answers.
You will help Mr. Lion find the way to the river.



3. Jordan has 231 picture cards.
His friend gives him 19 more.
How many picture cards does he have now?

$$\begin{array}{r} 231 \\ + 19 \\ \hline 250 \end{array}$$

231	19
-----	----

250 altogether

He has 250 picture cards now.

4. There are 285 men and 72 women on a boat.
How many people are there on the boat?

$$\begin{array}{r} 285 \\ + 72 \\ \hline 357 \end{array}$$

285	72
-----	----

357 altogether

There are 357 people on the boat.

5. Lily saved \$162.
Wendy saved \$360.
How much money did they save altogether?

$$\begin{array}{r} \$360 \\ + 162 \\ \hline \$522 \end{array}$$

\$360	\$162
-------	-------

\$522 altogether

They saved \$522 altogether.

Subtraction with Renaming

EXERCISE 14

1. Subtract.

$\begin{array}{r} 48\cancel{2} \\ - 37 \\ \hline 15 \end{array}$	$\begin{array}{r} 6\cancel{7}4 \\ - 36 \\ \hline 38 \end{array}$	$\begin{array}{r} 78\cancel{3} \\ - 46 \\ \hline 37 \end{array}$
C	D	E
$\begin{array}{r} 8\cancel{9}6 \\ - 57 \\ \hline 39 \end{array}$	$\begin{array}{r} 5\cancel{6}2 \\ - 58 \\ \hline 4 \end{array}$	$\begin{array}{r} 34\cancel{5} \\ - 39 \\ \hline 6 \end{array}$
I	M	N
$\begin{array}{r} 4\cancel{5}0 \\ - 4 \\ \hline 46 \end{array}$	$\begin{array}{r} 7\cancel{8}7 \\ - 59 \\ \hline 28 \end{array}$	$\begin{array}{r} 8\cancel{9}0 \\ - 64 \\ \hline 26 \end{array}$
O	S	T

Why do you go to bed?

Write the letters in the boxes below to find the reason.

<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"/>
39	26	38	46	37	28	6	46	26
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15	46	4	37	26	46	4	37	

Subtraction with Renaming

EXERCISE 18

1. Subtract.

A

$$\begin{array}{r} 9\overset{6}{\cancel{7}}3 \\ - 238 \\ \hline 735 \end{array}$$

B

$$\begin{array}{r} 5\overset{6}{\cancel{6}}06 \\ - 263 \\ \hline 343 \end{array}$$

E

$$\begin{array}{r} 7\overset{4}{\cancel{5}}0 \\ - 724 \\ \hline 26 \end{array}$$

L

$$\begin{array}{r} 3\overset{4}{\cancel{4}}35 \\ - 72 \\ \hline 363 \end{array}$$

M

$$\begin{array}{r} 4\overset{3}{\cancel{4}}0 \\ - 107 \\ \hline 333 \end{array}$$

N

$$\begin{array}{r} 6\overset{8}{\cancel{9}}2 \\ - 576 \\ \hline 116 \end{array}$$

R

$$\begin{array}{r} 7\overset{7}{\cancel{8}}4 \\ - 39 \\ \hline 745 \end{array}$$

U

$$\begin{array}{r} 5\overset{6}{\cancel{6}}15 \\ - 75 \\ \hline 540 \end{array}$$

What goes up when the rain comes down?

Write the letters in the boxes below to find out.

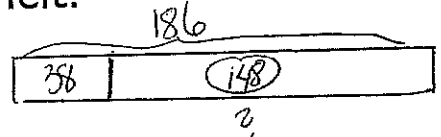
A	
735	116

540	333	343	745	26	363	363	735

Subtraction Word Problems

2. Roger had \$186.
He spent \$38 at a bookshop.
How much money did he have left?

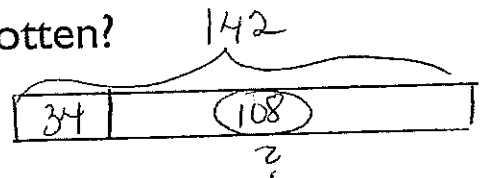
$$\begin{array}{r} 7 \\ 186 \\ - 38 \\ \hline 148 \end{array}$$



He had \$ 148 left.

3. There were 142 melons in a basket.
34 of them were rotten.
How many melons were **not** rotten?

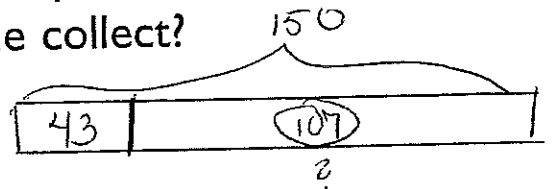
$$\begin{array}{r} 3 \\ 142 \\ - 34 \\ \hline 108 \end{array}$$



108 melons were not rotten.

4. Sara collected 150 stamps.
Nicole collected 43 fewer stamps than Sara.
How many stamps did Nicole collect?

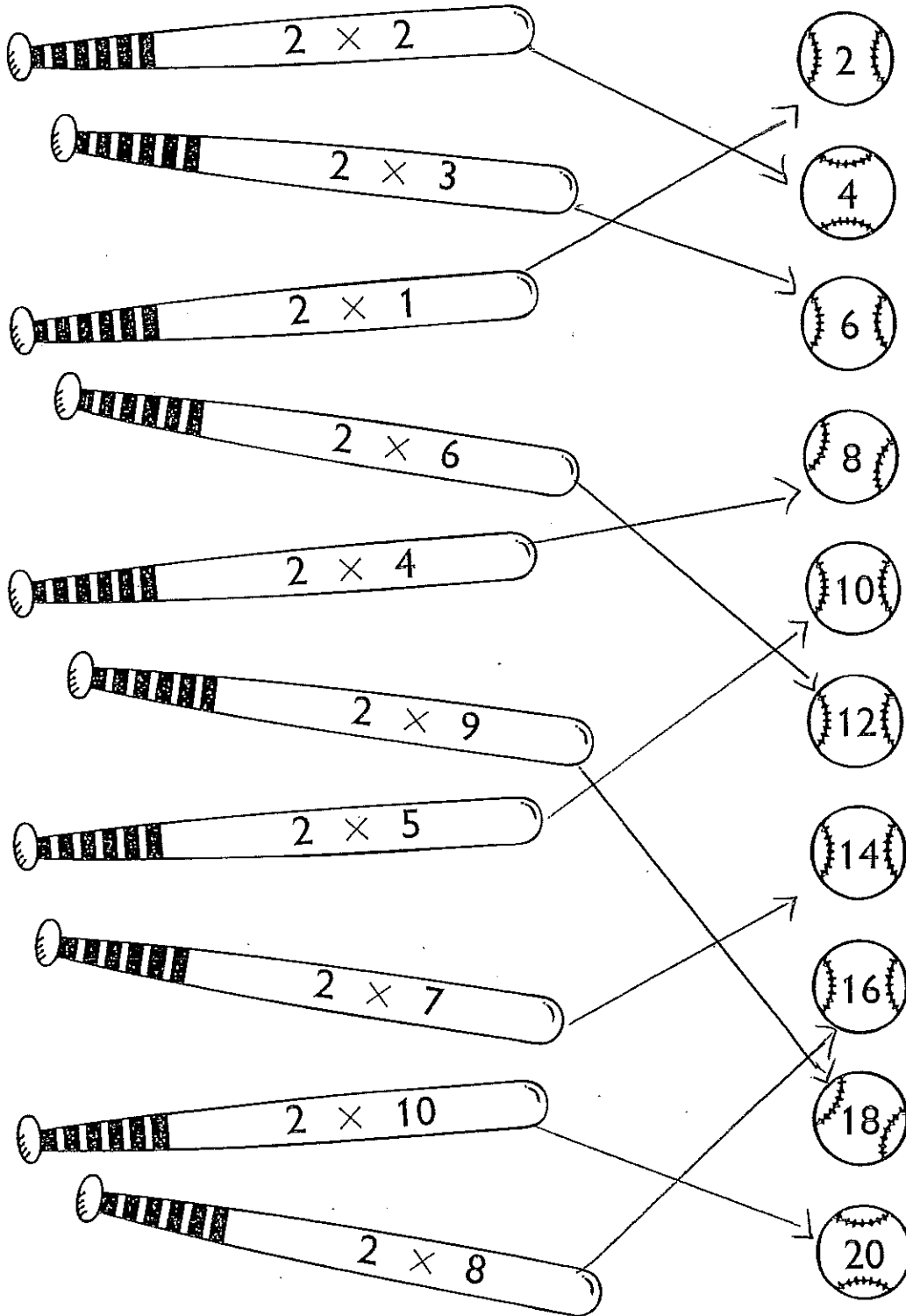
$$\begin{array}{r} 4 \\ 150 \\ - 43 \\ \hline 107 \end{array}$$



Nicole collected 107 stamps.

EXERCISE 5

1. Match.



EXERCISE 9

1. Complete the multiplication sentences.

$3 \times 1 = 3$	}	$3 + 3$
$3 \times 2 = 6$		
$3 \times 3 = 9$	}	$6 + 3$
$3 \times 4 = 12$		
$3 \times 5 = 15$	}	$9 + 3$
$3 \times 6 = 18$		
$3 \times 7 = 21$	}	$12 + 3$
$3 \times 8 = 24$		
$3 \times 9 = 27$	}	$15 + 3$
$3 \times 10 = 30$		
		$18 + 3$
		$21 + 3$
		$24 + 3$
		$27 + 3$
		30

EXERCISE 11

1. Mrs. Anderson bought 3 trays of eggs.
There were 10 eggs on each tray.
How many eggs did she buy?

$$\boxed{3} \times \boxed{10} = \boxed{30}$$

She bought 30 eggs.

2. Maria bought 3 ribbons.
Each ribbon was 8 m long.
How many meters of ribbon did she buy?

$$\underline{3} \times \underline{8} = \underline{24}$$

She bought 24 m of ribbon.

3. Warner bought 3 story books.
Each story book cost \$5.
How much did he pay?

$$\underline{3} \times \underline{\$5} = \underline{\$15}$$

He paid \$ 15.

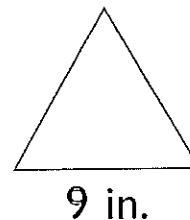
4. There are 7 days in a week.
How many days are there in 3 weeks?

$$\underline{3} \times \underline{7} = \underline{21}$$

There are 21 days in 3 weeks.

5. The length of each side of the triangle is 9 in.
What is the total length of the 3 sides of the triangle?

$$\underline{3} \times \underline{9} = \underline{27}$$



The total length is 27 in.

6. A bag of sugar weighs 3 kg.
What is the total weight of 6 such bags of sugar?

$$\underline{3} \times \underline{6} = \underline{18}$$

The total weight is 18 kg.

EXERCISE 13

1. Write the missing numbers.

$$1 \times 2 = 2$$
$$2 \div 2 = \underline{1}$$

$$2 \times 2 = 4$$
$$4 \div 2 = \underline{2}$$

$$5 \times 2 = 10$$
$$10 \div 2 = \underline{5}$$

$$\underline{8} \times 2 = 16$$
$$16 \div 2 = \underline{8}$$

$$\underline{3} \times 2 = 6$$
$$6 \div 2 = \underline{3}$$

$$\underline{9} \times 2 = 18$$
$$18 \div 2 = \underline{9}$$

$$\underline{10} \times 2 = 20$$
$$20 \div 2 = \underline{10}$$

$$\underline{4} \times 2 = 8$$
$$8 \div 2 = \underline{4}$$

$$\underline{6} \times 2 = 12$$
$$12 \div 2 = \underline{6}$$

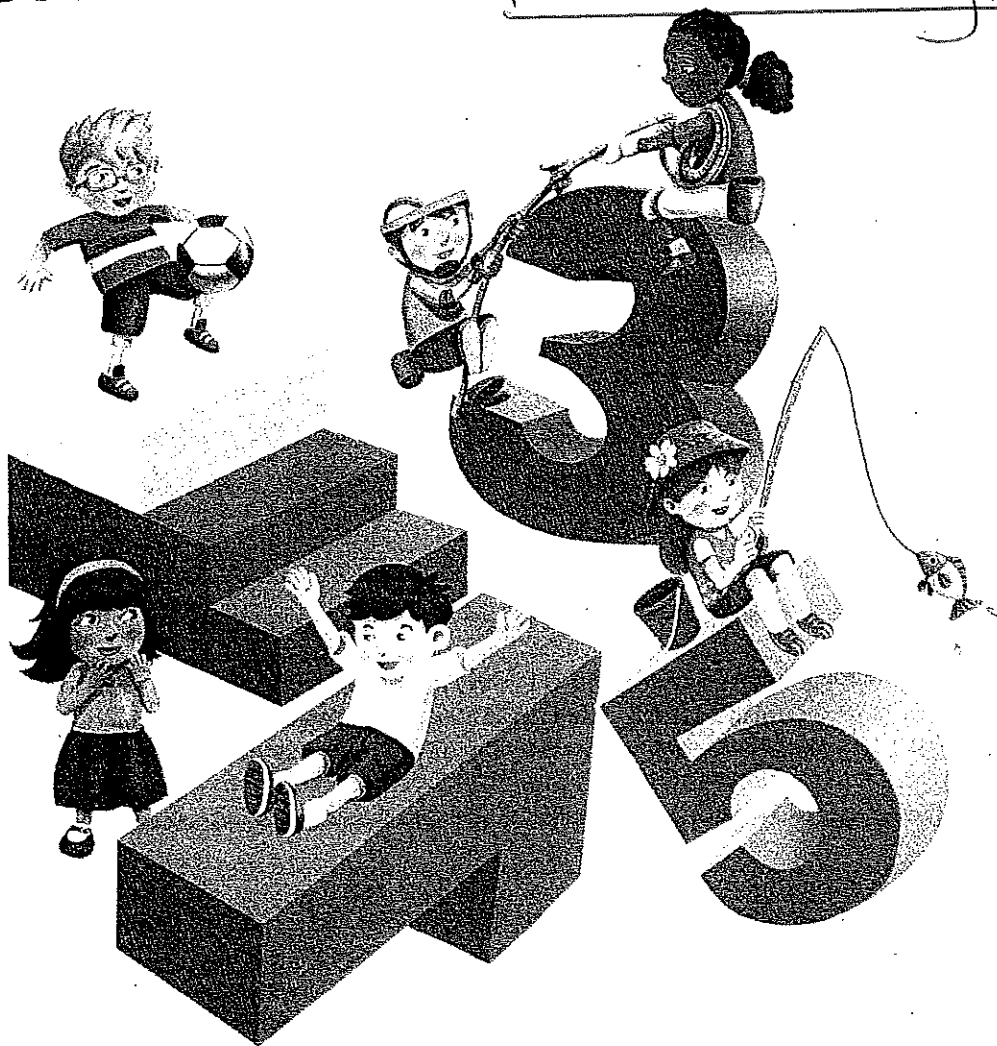
$$\underline{7} \times 2 = 14$$
$$14 \div 2 = \underline{7}$$

2B

PRIMARY Standards Edition MATHEMATICS

WORKBOOK

Answer Key



MONEY









Name _____

Date _____ (Answer ID # 0125581)

Coins

Count. Write the total value of the coins.

<p>1. <i>dimes</i></p>  <p style="text-align: right;"><i>nickel</i></p> <p style="text-align: center; margin-top: 20px;"><u>55</u> ¢</p>	<p>2. <i>nickel</i></p>  <p style="text-align: center; margin-top: 20px;"><u>38</u> ¢</p>
<p>3.</p>  <p style="text-align: center; margin-top: 20px;"><u>54</u> ¢</p>	<p>4.</p>  <p style="text-align: center; margin-top: 20px;"><u>95</u> ¢</p>

<p>1¢ \$0.01</p>  	<p>5¢ \$0.05</p>  	<p>10¢ \$0.10</p>  	<p>25¢ \$0.25</p>  
--	--	---	---

penny
nickel
dime
quarter

Add.

$\begin{array}{r} \overset{1}{\$}0.85 \\ + \overset{1}{\$}2.20 \\ \hline \overset{1}{\$}3.05 \end{array}$	$\begin{array}{r} \overset{1}{\$}3.60 \\ + \overset{1}{\$}1.85 \\ \hline \overset{1}{\$}5.45 \end{array}$	$\begin{array}{r} \overset{1}{\$}2.75 \\ + \overset{1}{\$}0.80 \\ \hline \overset{1}{\$}3.55 \end{array}$
E	F	L
$\begin{array}{r} \overset{1}{\$}7.75 \\ + \overset{1}{\$}0.60 \\ \hline \overset{1}{\$}8.35 \end{array}$	$\begin{array}{r} \overset{1}{\$}4.15 \\ + \overset{1}{\$}3.95 \\ \hline \overset{1}{\$}8.10 \end{array}$	$\begin{array}{r} \overset{1}{\$}5.25 \\ + \overset{1}{\$}3.95 \\ \hline \overset{1}{\$}9.20 \end{array}$
N	O	R

Subtract.

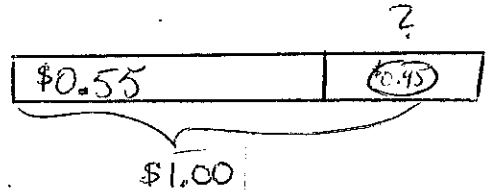
$\begin{array}{r} \overset{1}{\$}2.25 \\ - \overset{1}{\$}0.60 \\ \hline \overset{1}{\$}1.65 \end{array}$	$\begin{array}{r} \overset{2}{\$}3.10 \\ - \overset{2}{\$}0.55 \\ \hline \overset{2}{\$}2.65 \end{array}$	$\begin{array}{r} \overset{4}{\$}5.00 \\ - \overset{4}{\$}0.25 \\ \hline \overset{4}{\$}4.75 \end{array}$
A	D	F
$\begin{array}{r} \overset{6}{\$}7.00 \\ - \overset{6}{\$}4.70 \\ \hline \overset{6}{\$}2.30 \end{array}$	$\begin{array}{r} \overset{5}{\$}6.35 \\ - \overset{5}{\$}3.50 \\ \hline \overset{5}{\$}2.85 \end{array}$	$\begin{array}{r} \overset{6}{\$}7.05 \\ - \overset{6}{\$}2.45 \\ \hline \overset{6}{\$}4.60 \end{array}$
G	L	N

Use subtraction to solve these problems.

EXERCISE 15

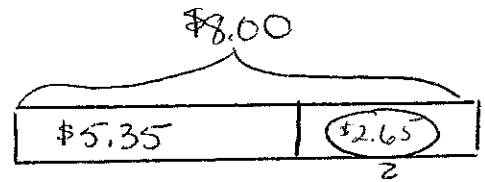
1. Ben bought a snack from a vending machine that cost 55¢. He put a one-dollar bill into the machine. How much change did he get?

$$\begin{array}{r} \$1.00 \\ - 0.55 \\ \hline \$0.45 \end{array} \quad (45¢)$$



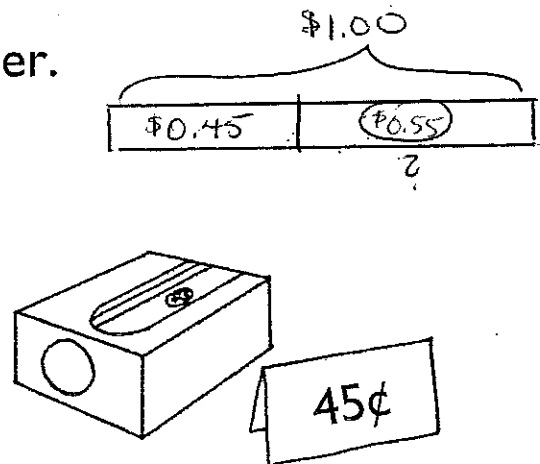
2. Sam had \$8. He bought a toy car for \$5.35. How much money did he have left?

$$\begin{array}{r} \$8.00 \\ - 5.35 \\ \hline \$2.65 \end{array}$$



3. Hassan bought this pencil sharpener. He gave the cashier \$1. How much change did he receive?

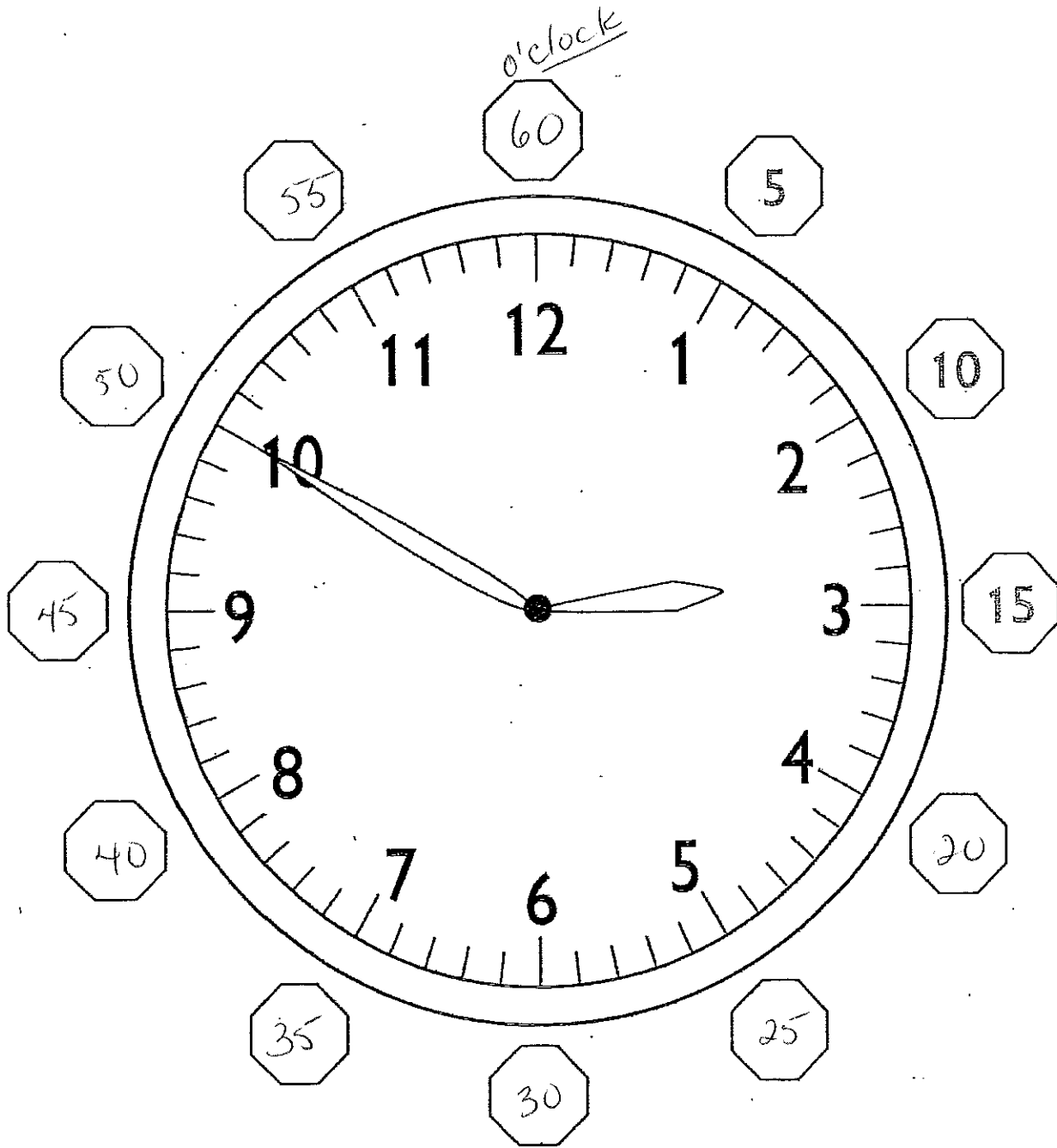
$$\begin{array}{r} \$1.00 \\ - 0.45 \\ \hline \$0.55 \end{array} \quad (55¢)$$



TIME

EXERCISE 1

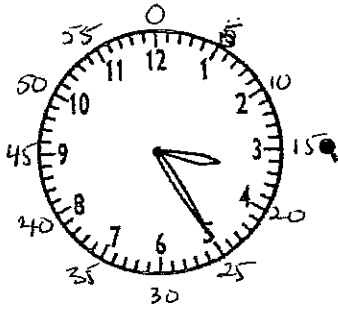
1. Count in steps of 5 minutes.
Write the missing numbers.



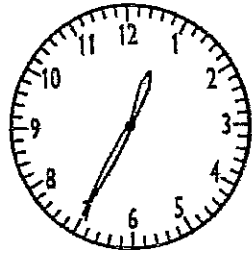
The time is _____ minutes after 2 o'clock.

3. What time is shown on each clock face?

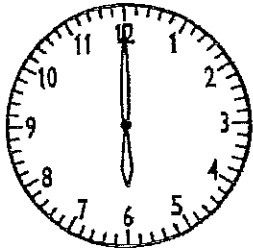
Match the clocks to the correct answers.



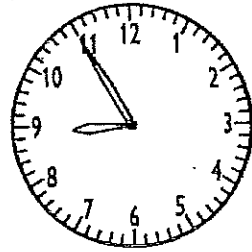
6:00



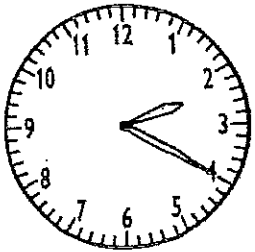
12:35



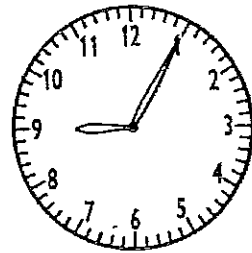
3:25



8:55



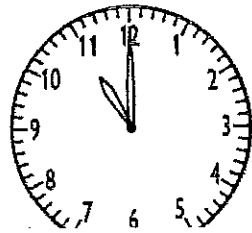
11:00



9:05

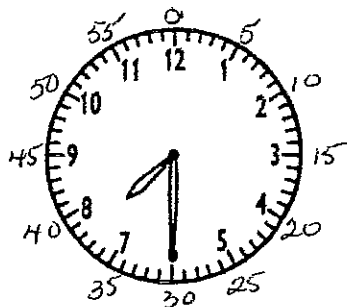


12:30

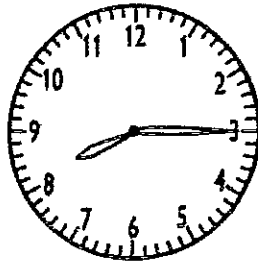


2:20

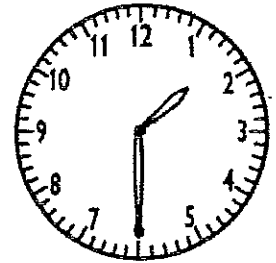
4. What time is it?



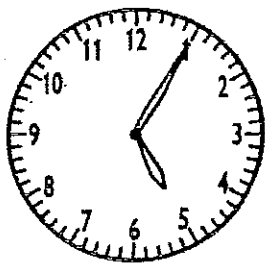
7:30



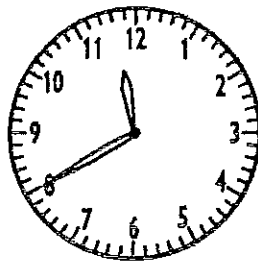
8:15



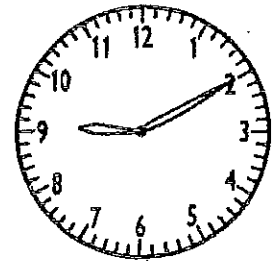
1:30



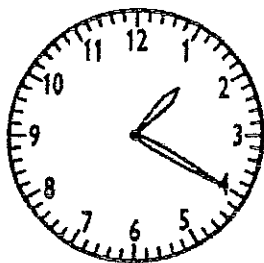
5:05



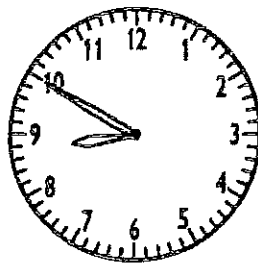
11:40



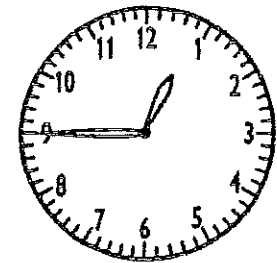
9:10



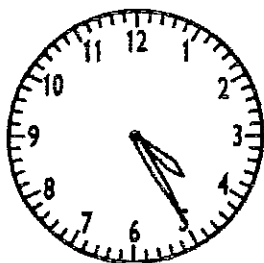
1:20



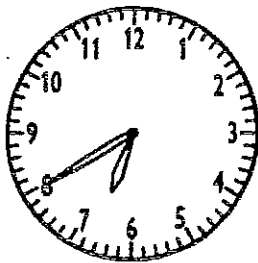
8:50



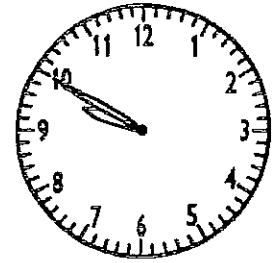
12:45



4:25



6:40

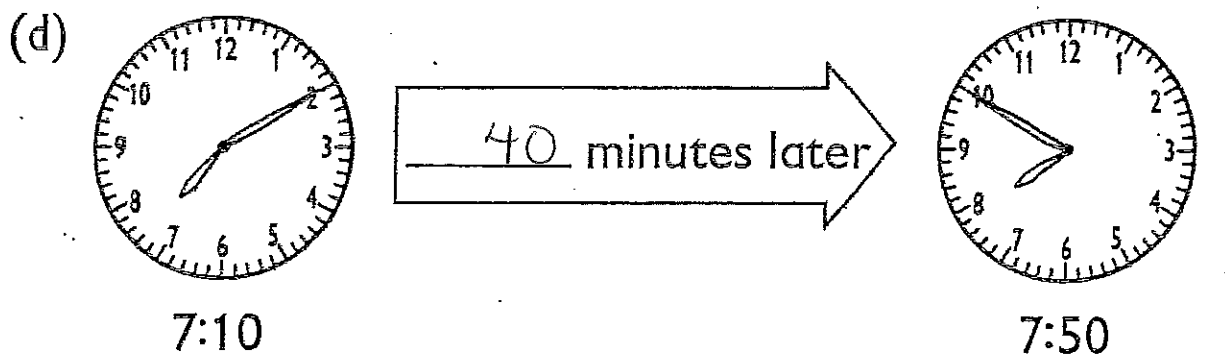
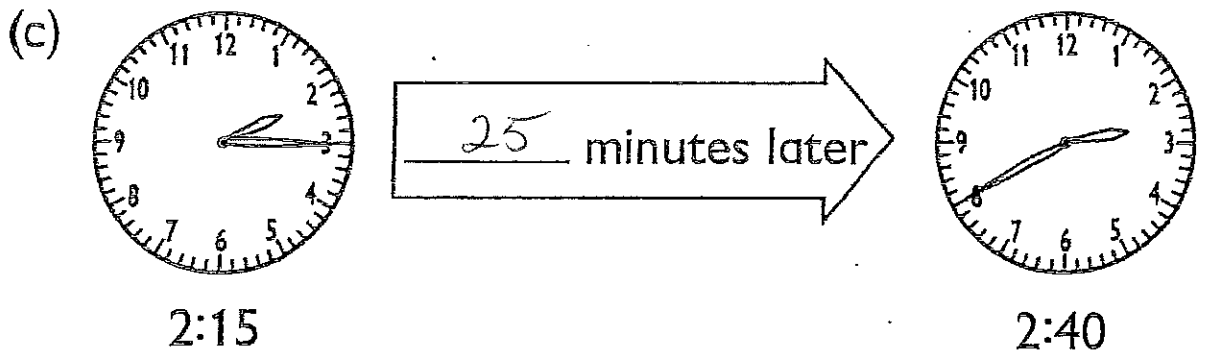
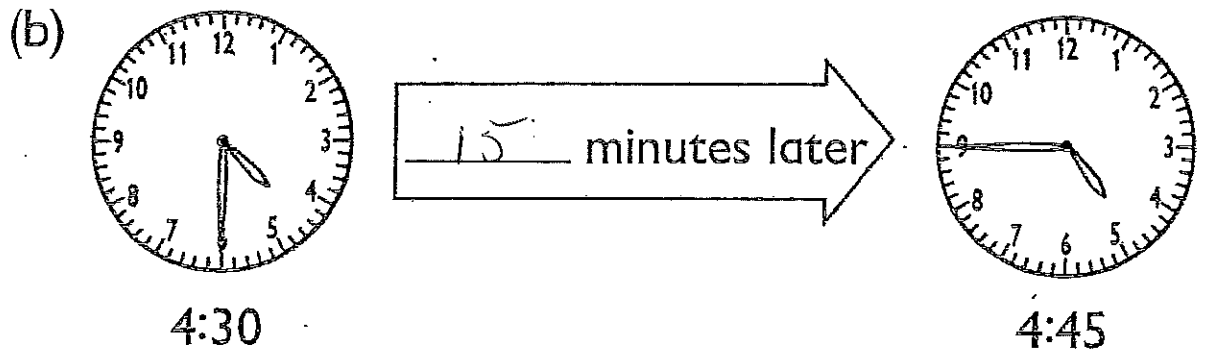
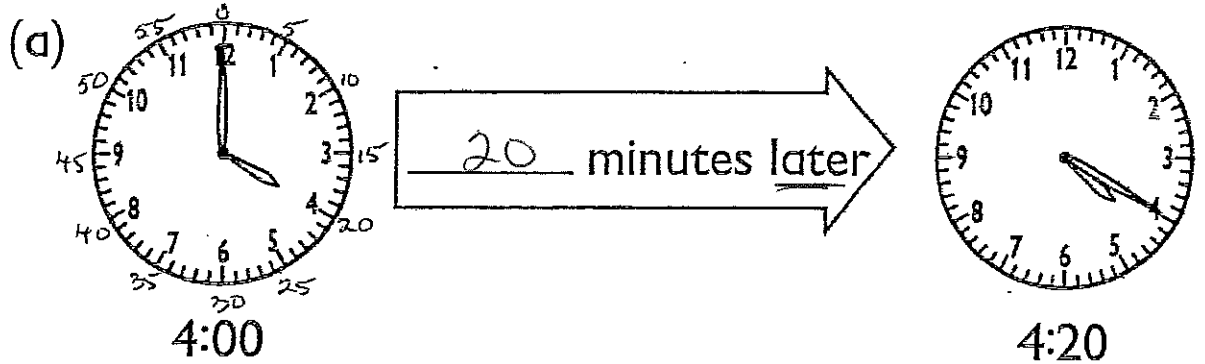


9:50

EXERCISE 3

Minutes

1. Fill in the blanks.



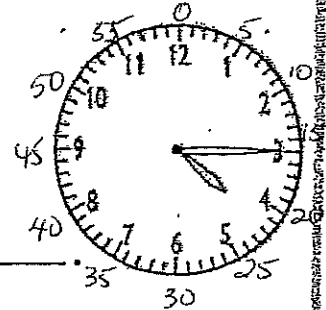
EXERCISE 4

1. Fill in the blanks.

(a)

The time is 4:15 a.m.

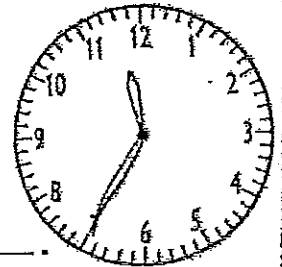
20 minutes later, it will be 4:35 am.



(b)

The time is 11:35 p.m.

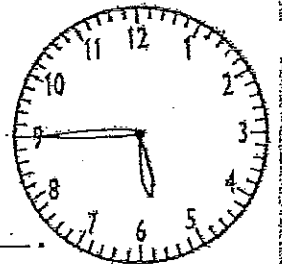
15 minutes later, it will be 11:50 pm.



(c)

The time is 5:45 a.m.

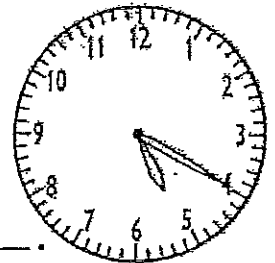
30 minutes later, it will be 6:15 am.



(d)

The time is 5:20 p.m.

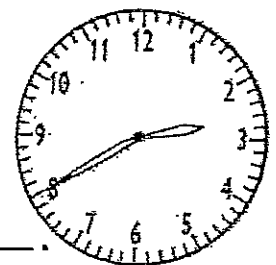
40 minutes later, it will be 6:00 pm.



(e)

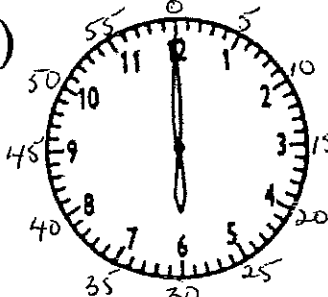
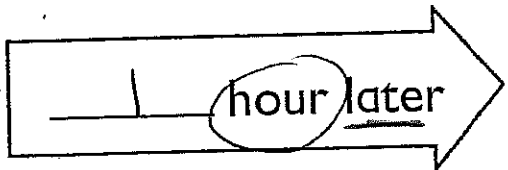
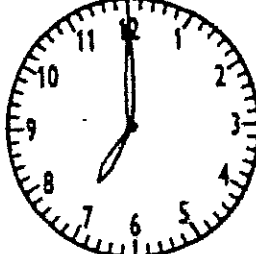
The time is 2:40 a.m.

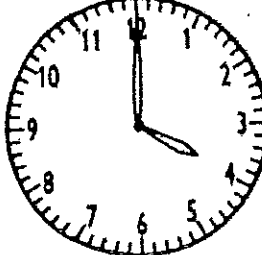
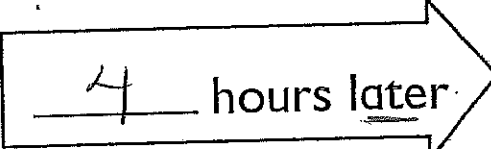
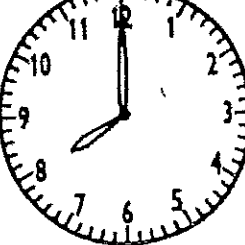
35 minutes later, it will be 3:15 am.

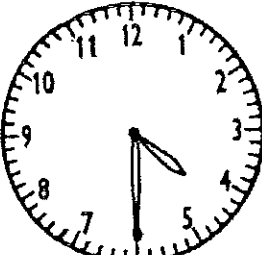
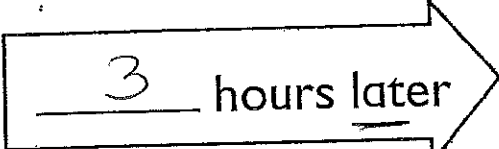



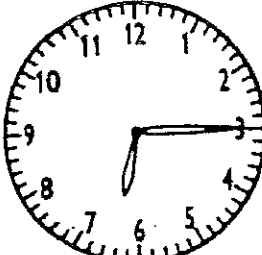
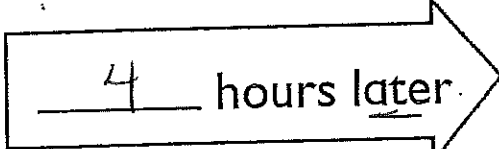

Hours

Fill in the blanks.

(a)   
6:00 7:00

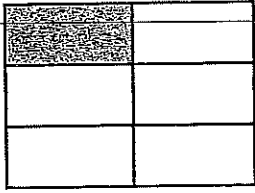
(b)   
4:00 8:00

(c)   
4:30 7:30

(d)   
6:15 10:15

FRACTIONS

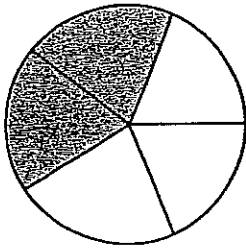
(a)



$\frac{1}{6}$ of the shape is shaded.

$\frac{1}{6}$ is out of the equal parts.

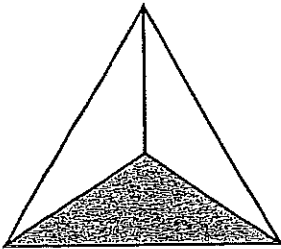
(b)



$\frac{2}{5}$ of the shape is shaded.

$\frac{2}{5}$ is out of the equal parts.

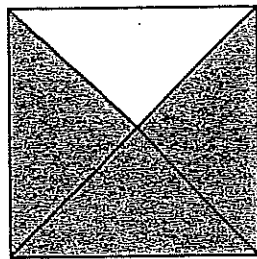
(c)



$\frac{1}{3}$ of the shape is shaded.

$\frac{1}{3}$ is out of the equal parts.

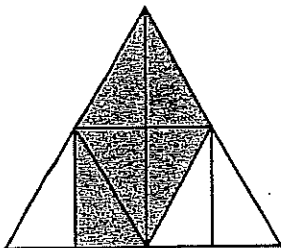
(d)



$\frac{3}{4}$ of the shape is shaded.

$\frac{3}{4}$ is out of the equal parts.

(e)

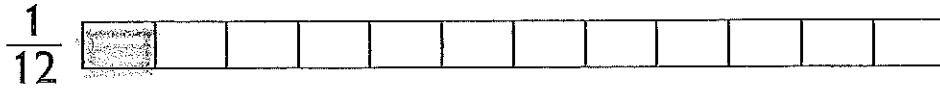
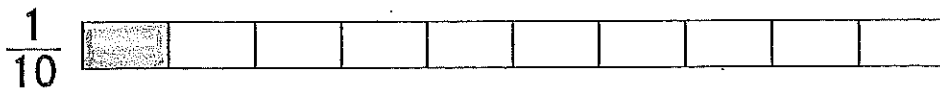
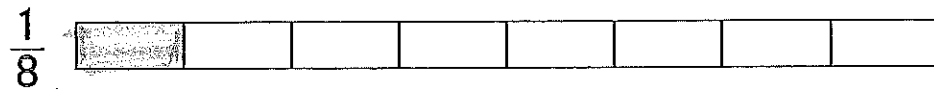
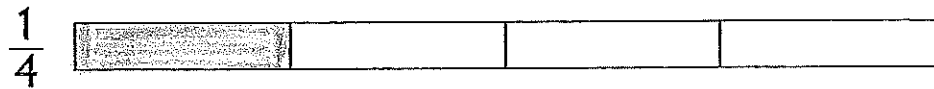
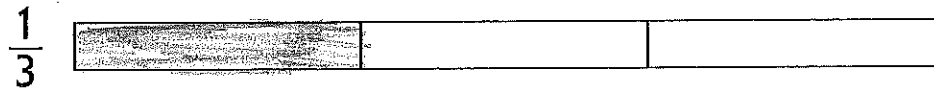


$\frac{5}{8}$ of the shape is shaded.

$\frac{5}{8}$ is out of the equal parts.

EXERCISE 4

1. Color one part of each bar to show the given fraction.



2. Write $>$ or $<$. *(greater, bigger) > (less, smaller)* *(less, smaller) < (greater, bigger)*

(Use the fraction bars above to help you.)

(a) $\frac{1}{2} > \frac{1}{3}$

(b) $\frac{1}{6} < \frac{1}{2}$

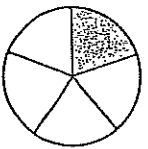
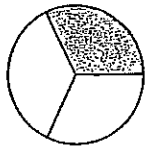
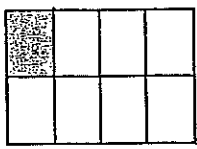
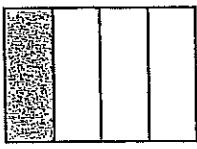
(c) $\frac{1}{8} < \frac{1}{2}$

(d) $\frac{1}{3} > \frac{1}{6}$





(e) $\frac{1}{11} < \frac{1}{2}$

(f) $\frac{1}{5} > \frac{1}{10}$

3. Circle the greater fraction.

<p>(a)  </p> <p>$\frac{1}{5}$ $\frac{1}{3}$</p>	<p>(b)  </p> <p>$\frac{1}{8}$ $\frac{1}{4}$</p>
<p>(c) $\frac{1}{9}$ $\frac{1}{12}$</p>	<p>(d) $\frac{1}{2}$ $\frac{1}{5}$</p>
<p>(e) $\frac{1}{10}$ $\frac{1}{8}$</p>	<p>(f) $\frac{1}{4}$ $\frac{1}{6}$</p>

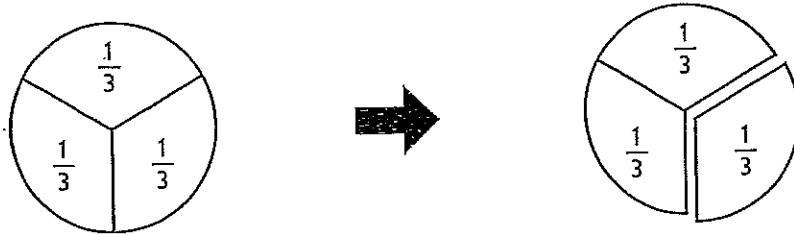
4. Circle the smaller fraction.

<p>(a)  </p> <p>$\frac{1}{4}$ $\frac{1}{6}$</p>	<p>(b)  </p> <p>$\frac{1}{10}$ $\frac{1}{5}$</p>
<p>(c) $\frac{1}{5}$ $\frac{1}{3}$</p>	<p>(d) $\frac{1}{11}$ $\frac{1}{12}$</p>
<p>(e) $\frac{1}{10}$ $\frac{1}{8}$</p>	<p>(f) $\frac{1}{9}$ $\frac{1}{3}$</p>

EXERCISE 5

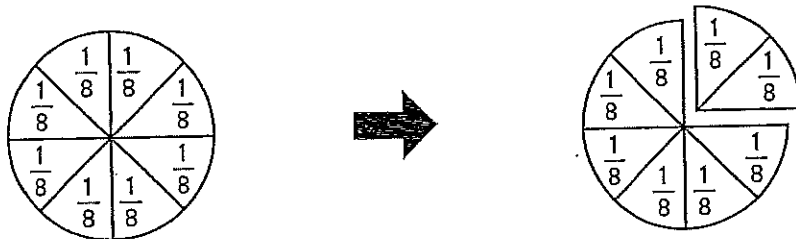
1. Write the correct fraction.

(a)



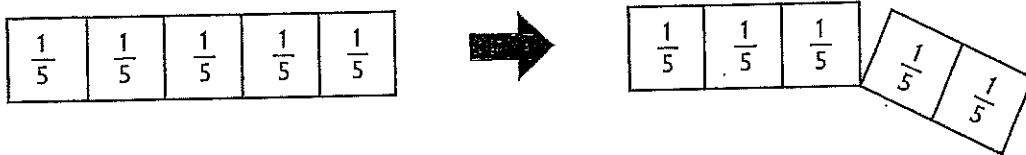
$\frac{1}{3}$ and $\frac{2}{3}$ make 1 whole.

(b)



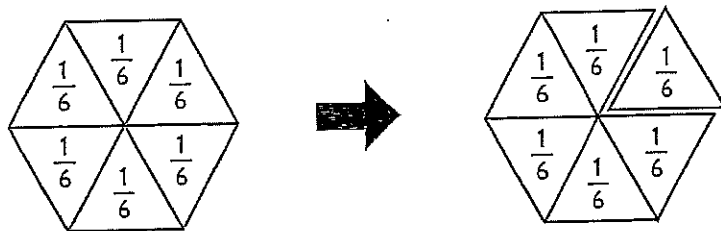
$\frac{2}{8}$ and $\frac{6}{8}$ make 1 whole.

(c)



$\frac{2}{5}$ and $\frac{3}{5}$ make 1 whole.

(d)



$\frac{1}{6}$ and $\frac{5}{6}$ make 1 whole.

Drake did 5 math problems. $\frac{5}{5}$

He got 1 wrong. $\frac{1}{5}$

What fraction of the problems did he get right? $\frac{4}{5}$

x	✓	✓	✓	✓
---	---	---	---	---

$$\frac{5}{5} - \frac{1}{5} = \frac{4}{5}$$

Four out of 5 problems were right

7. Sally had 6 sandwiches.

She gave $\frac{2}{6}$ of them to her friend.

How many sandwiches did she have left? $\frac{4}{6}$, 4 out of 6 sandwiches were left

$$\frac{6}{6} - \frac{2}{6} = \frac{4}{6}$$

8. A group of 11 teenagers went for a concert.

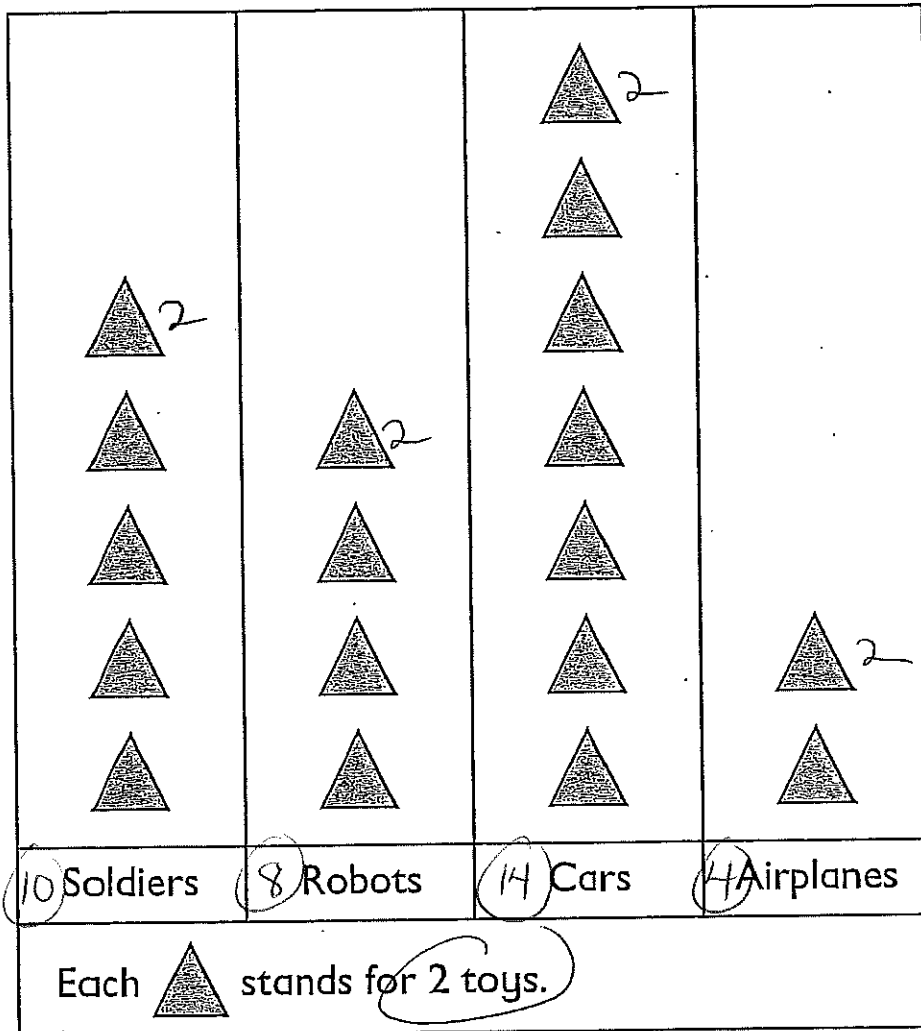
$\frac{5}{11}$ of them were girls.

How many boys were there? $\frac{6}{11}$ 6 out of the 11 teenagers were boys.

$$\frac{11}{11} - \frac{5}{11} = \frac{6}{11}$$

CHARTS & GRAPHS

Joe made this picture graph to show the number of different types of toys he has.

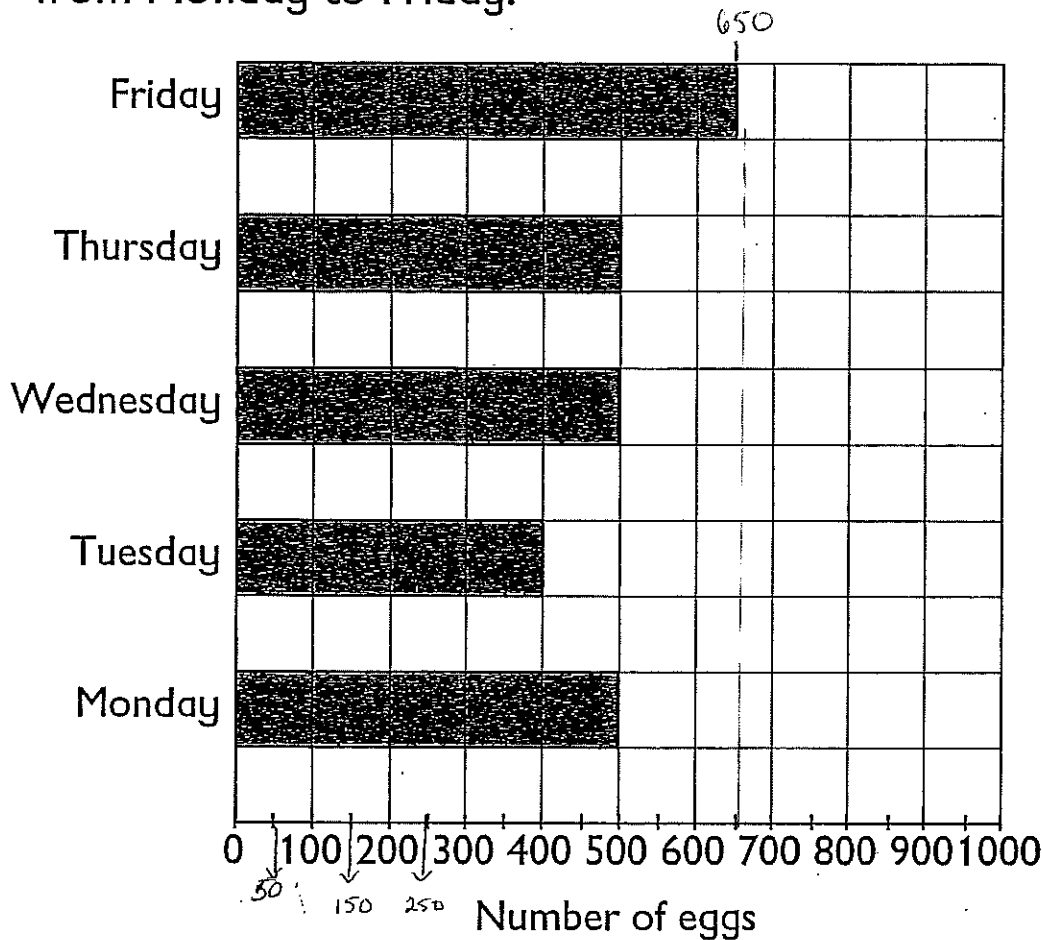


Study the graph.

Then fill in the blanks.

- (a) Joe has 10 soldiers.
- (b) He has 14 cars.
- (c) He has 4 airplanes.
- (d) He has 6 more cars than robots. ← 8 robots
- (e) He has 6 fewer airplanes than soldiers.

3. This bar graph shows the number of eggs Lindsey sold from Monday to Friday.

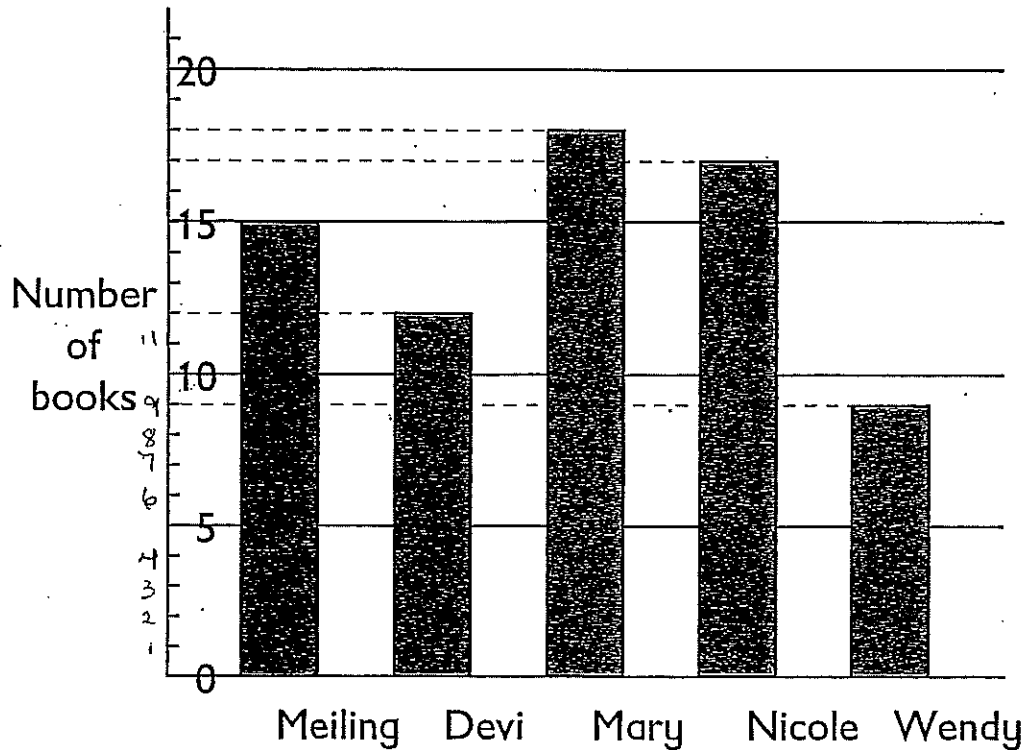


Study the graph and fill in the blanks.

- (a) What was the number of eggs that Lindsey sold on most days? Friday
- (b) She sold 150 more eggs on Friday than on Thursday.
- (c) The most eggs she sold on any one day was 650.
- (d) The ^(fewest) least eggs she sold on any one day was 400 (Thursday)

EXERCISE 4

1. This bar graph shows the number of books read by five girls.



Study the graph and fill in the blanks.

- (a) Devi read 12 books.
- (b) Mary read the most books.
She read 18 books.
- (c) Wendy read the fewest books.
She read 9 books.
- (d) Mary read twice as many books as Wendy ($9 \times 2 = 18$).