

1 2 3 4 5 6 7 8 9

9

1

SSA

8

2

JUNIOR SCHOOL

7

3

SUMMER

6

4

MATH PACKET

5

5

RISING

4

6

SECOND GRADE

3

7

NAME _____

2

8

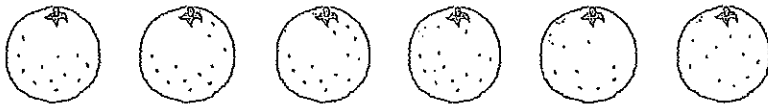
1 2 3 4 5 6 7 8 9

Name _____

Summer Math Packet

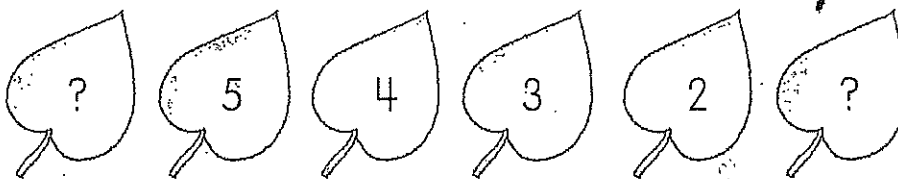
Section A Multiple-Choice Questions

1 How many  are there?



- (A) 4
- (B) 5
- (C) 6
- (D) 7

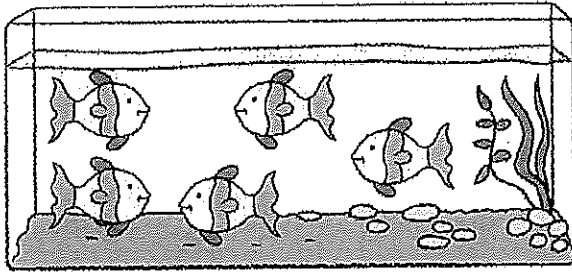
2 Look at the number pattern.
What are the missing numbers?



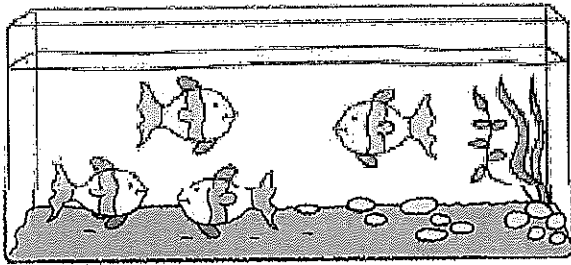
- (A) 6, 0
- (B) 6, 1
- (C) 7, 0
- (D) 7, 1

3 Which tank has 2 fish?

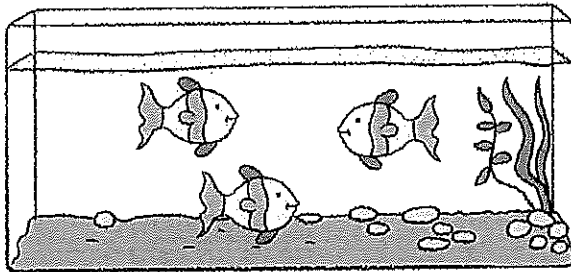
A



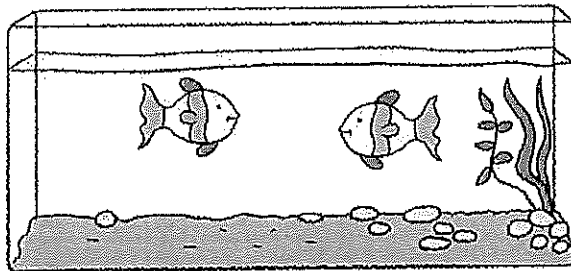
B



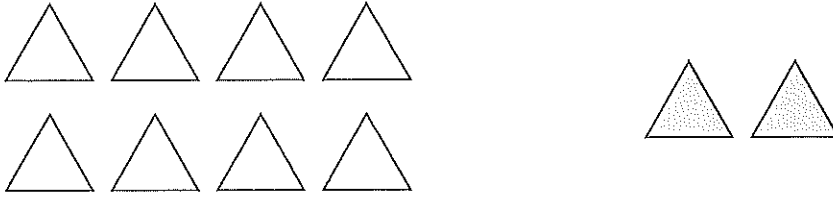
C



D

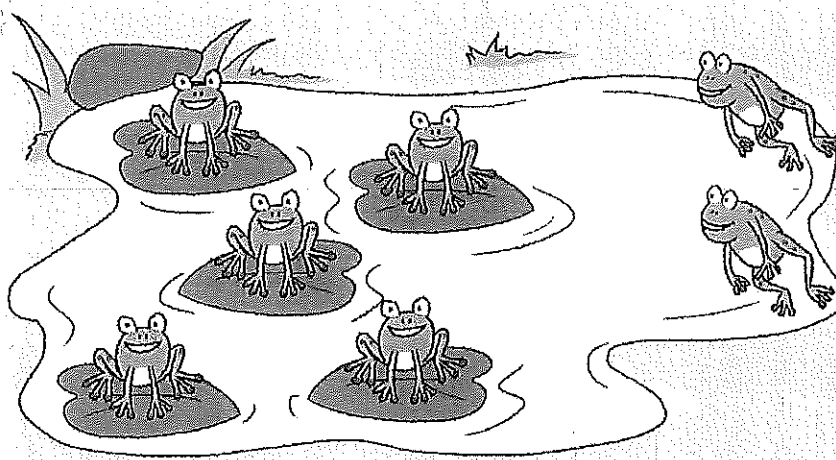


4 How many triangles are there in all?



- (A) 2
- (B) 6
- (C) 8
- (D) 10

5 Look at the picture.
How many frogs are there in all?



- (A) $5 - 2 = 3$
- (B) $7 - 2 = 5$
- (C) $5 + 2 = 7$
- (D) $5 + 3 = 8$

6 Which of these is false?

(A) $4 + 5 = 9$

(B) $5 - 4 = 9$

(C) $9 - 4 = 5$

(D) $9 - 5 = 4$

7 $\star + 3 = 2 + 5$

What is the value of \star ?

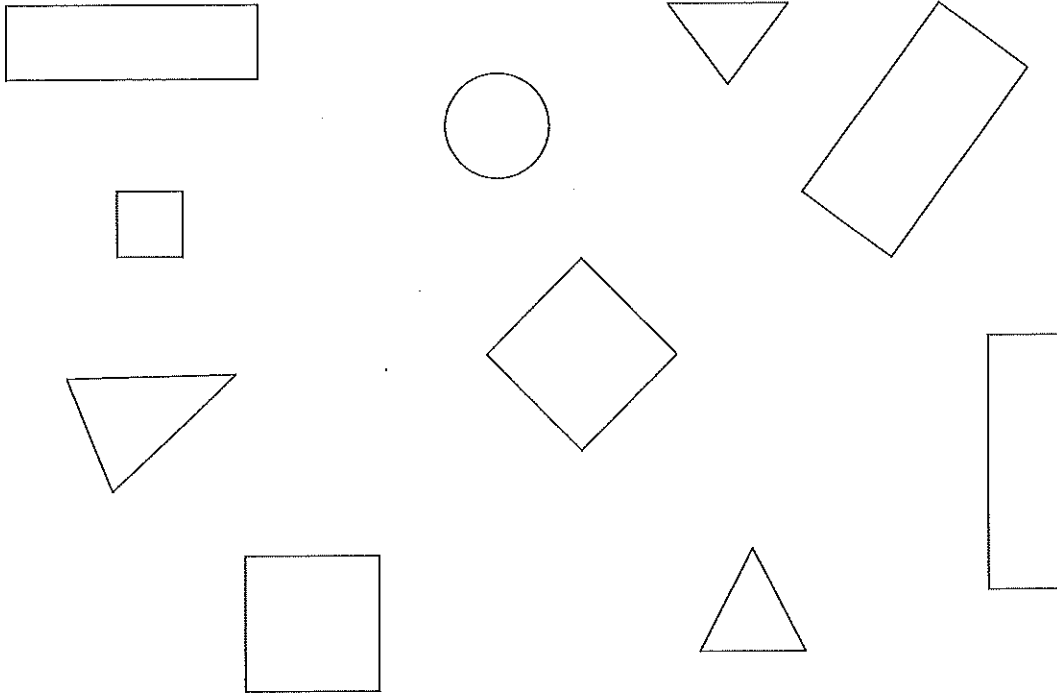
(A) 2

(B) 4

(C) 7

(D) 10









8 How many different types of shapes do you see?



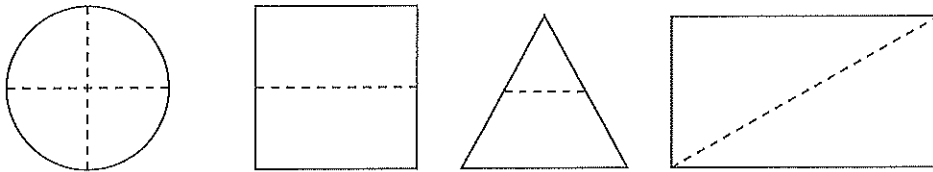
- (A) 3
- (B) 4
- (C) 5
- (D) 6

9 What flat shapes come next in the pattern?



- A  
- B  
- C  
- D  

10 Which flat shapes are divided into halves?



- A circle and triangle
- B circle and rectangle
- C square and triangle
- D square and rectangle

Section C Constructed Response




(1 × 4 = 4 points)

14 , , and  each stands for a number.

$$\triangle + \triangle = 10$$

$$\square + \bigcirc = 8$$

$$\triangle - \bigcirc = 3$$

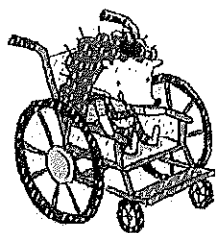
Find the value of , , and .

Show your work and write your answers in the blanks below.

$$\triangle = \underline{\hspace{2cm}}$$

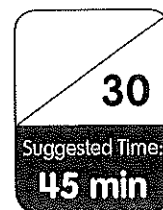
$$\bigcirc = \underline{\hspace{2cm}}$$

$$\square = \underline{\hspace{2cm}}$$



Assessment Guide

Cumulative Review 2



Section A Multiple-Choice Questions

(10 × 2 = 20 points)

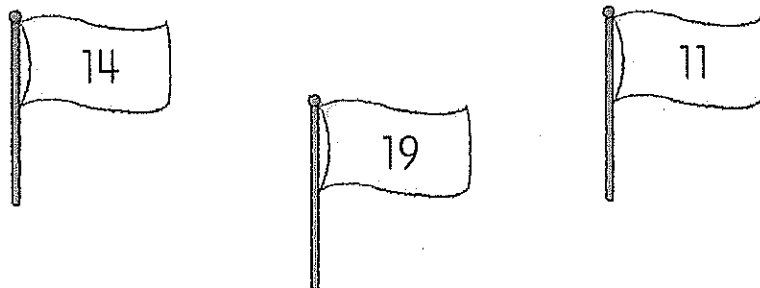
1 What are the missing numbers?



_____ = _____ ten _____ ones

- (A) 15, 1, 5
- (B) 15, 5, 1
- (C) 16, 1, 6
- (D) 16, 6, 1

2 What are the numbers from least to greatest?

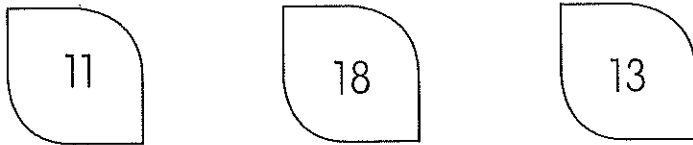


- (A) 19, 14, 11
- (B) 14, 11, 19
- (C) 11, 19, 14
- (D) 11, 14, 19

- 3 Look at the number pattern.
What are the missing numbers?

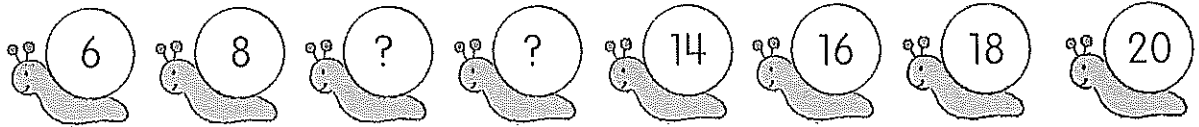


- (A) 20, 17
(B) 20, 18
(C) 21, 17
(D) 21, 18
- 4 Compare the numbers.
Which of these is true?



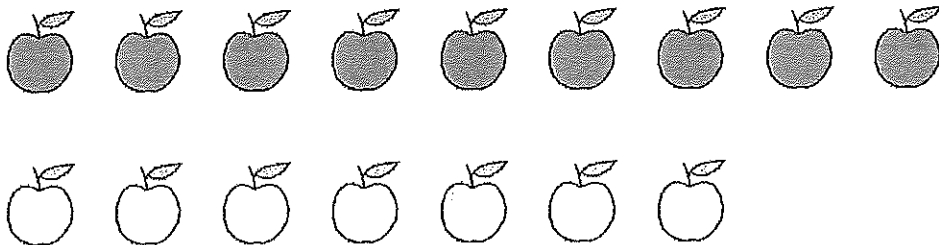
- (A) 11 is greater than 13.
(B) 13 is the greatest number.
(C) 18 is greater than 11.
(D) 18 is the least number.

- 5 Look at the number pattern.
What are the missing numbers?



- (A) 9, 10
- (B) 10, 11
- (C) 10, 12
- (D) 11, 12

- 6 Andrea has 16 apples.
9 apples are red.
The rest are green.
How many apples are green?



- (A) 7
- (B) 8
- (C) 9
- (D) 16

- 7 Find the missing number.
Use the counting tape to help you.



$$12 + \underline{\hspace{2cm}} = 16$$

12	13	14	15	16	17	18
----	----	----	----	----	----	----

- (A) 2
(B) 3
(C) 4
(D) 5
- 8 Joseph has 9 roses.
Michelle gives him 8 more roses.
How many roses does Joseph have in all?



- (A) 8
(B) 9
(C) 17
(D) 18

9  and  each stands for a number.

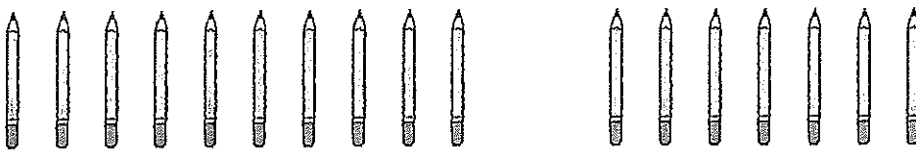
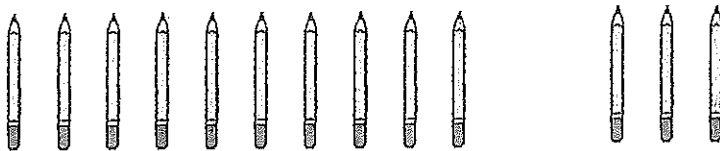
$$\triangle + \triangle = 12$$

$$\triangle + \hexagon = 14$$

Find the value of .

- (A) 6
- (B) 8
- (C) 12
- (D) 20

10 Alan has 13 pencils.
Mia has 17 pencils.
Which of these is true?



- (A) Mia has 3 more pencils than Alan.
- (B) Mia has 4 more pencils than Alan.
- (C) Alan has 3 more pencils than Mia.
- (D) Alan has 4 more pencils than Mia.

Section B Short Answer Questions

(3 × 2 = 6 points)

11 Write each number in word.

a 19 _____

b 15 _____

12 Aki is solving the following problem:

Find the number that makes the number sentence true.

$$8 + 9 = \underline{\hspace{2cm}} - 3$$

He writes:

$$8 + 9 = 17$$

$$\text{So, } 17 - 3 = 14$$

The missing number is 14.

Circle Aki's mistake.

Then, show how you would find the missing number.

$$\text{So, } 8 + 9 = \underline{\hspace{2cm}} - 3.$$

- 16 Andrew and Faith need to bake 16 pies in all for charity.
Andrew bakes 9 pies.
Faith bakes 6 pies.
Did they manage to bake 16 pies in all?
Write a number sentence to show your work.
Then, circle the correct answer.

_____ ○ _____ = _____

They managed / did not manage to bake 16 pies.

Section C Constructed Response

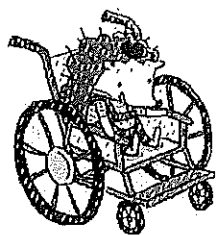
(1 × 4 = 4 points)

- 14 Emily is 2 years older than Henry.
Both their ages add up to 18 years.
How old are Emily and Henry?

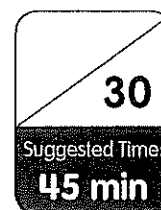
Show your work and write your answers in the blanks below.

Emily is _____ years old.

Henry is _____ years old.



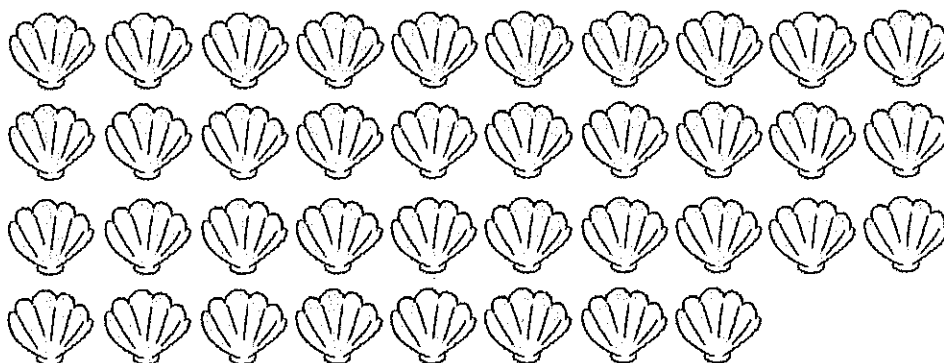
Assessment Guide Cumulative Review 3



Section A Multiple-Choice Questions

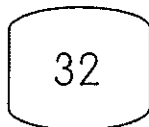
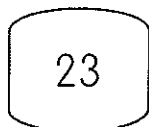
(10 × 2 = 20 points)

1 How many  are there?



- (A) 28
- (B) 36
- (C) 38
- (D) 40

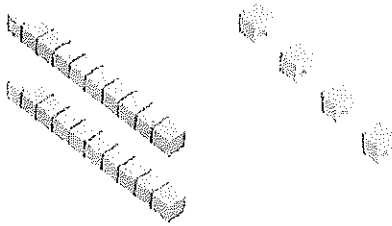
2 Compare the numbers.



Which of these is false?

- (A) $23 < 32$
- (B) 23 is less than 32.
- (C) $32 < 23$
- (D) 32 is greater than 23.

- 3 Count on by tens and ones.
What are the missing numbers?



_____ = _____ tens _____ ones

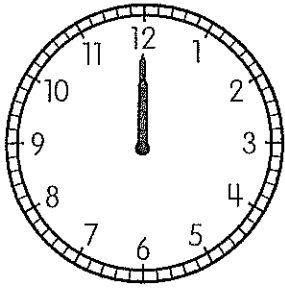
- (A) 20, 2, 0
(B) 24, 2, 4
(C) 24, 4, 2
(D) 34, 3, 4
- 4 Parker has 27 beads.
Emma has 32 beads.
Shanti has 34 beads.
Which of the following is true?
- (A) Emma has more beads than Parker.
(B) Emma has the most beads.
(C) Shanti has the fewest beads.
(D) Parker has more beads than Shanti.

8 Look at the digital clock.

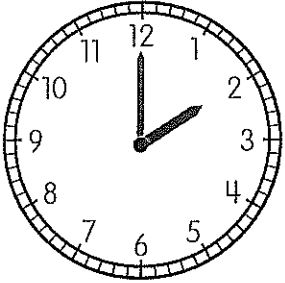


Which clock shows the same time?

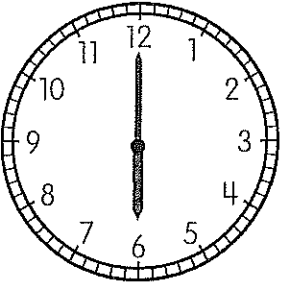
A



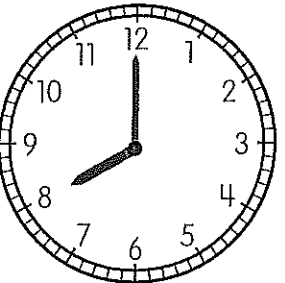
B



C

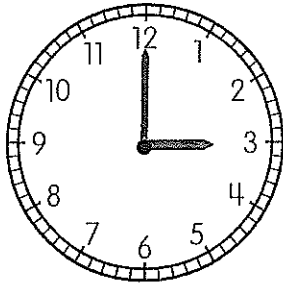


D



- 9 The minute hand of a clock points at 12.
The hour hand points at 6.
What is the time shown?
- (A) 12 o'clock
 - (B) 6 o'clock
 - (C) half past 12
 - (D) half past 6

- 10 What is an hour after the time shown?

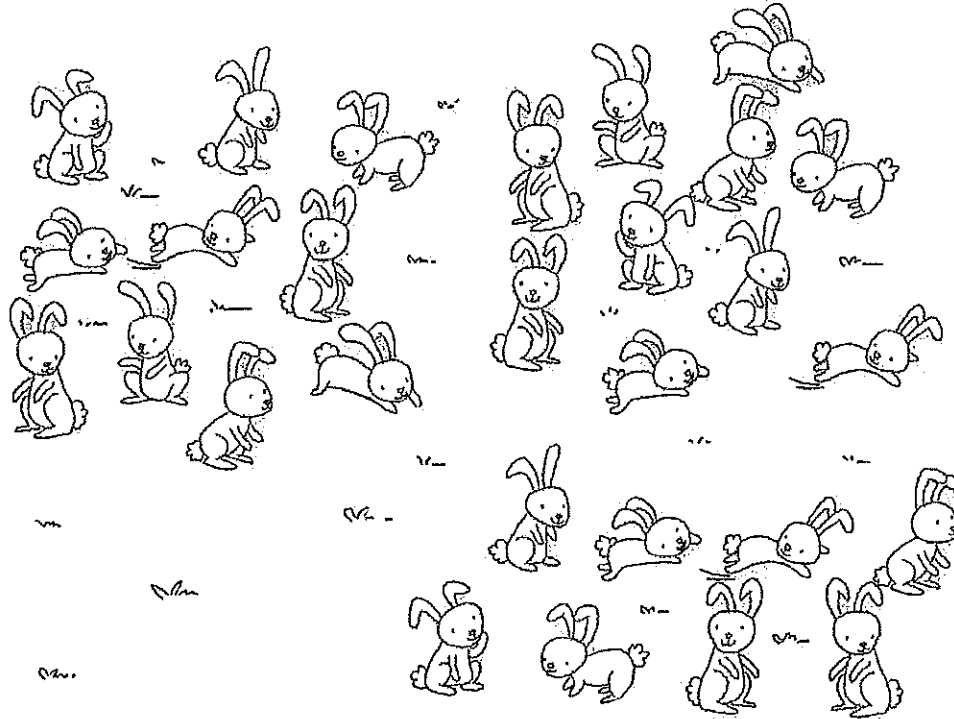


- (A) 2 o'clock
- (B) half past 2
- (C) half past 3
- (D) 4 o'clock

Section B Short Answer Questions

(3 × 2 = 6 points)

11 Look at the picture below.



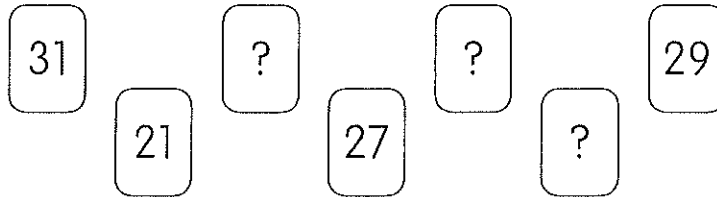
How many rabbits are there?

Make groups of 10.

Then, count on and fill in each blank.

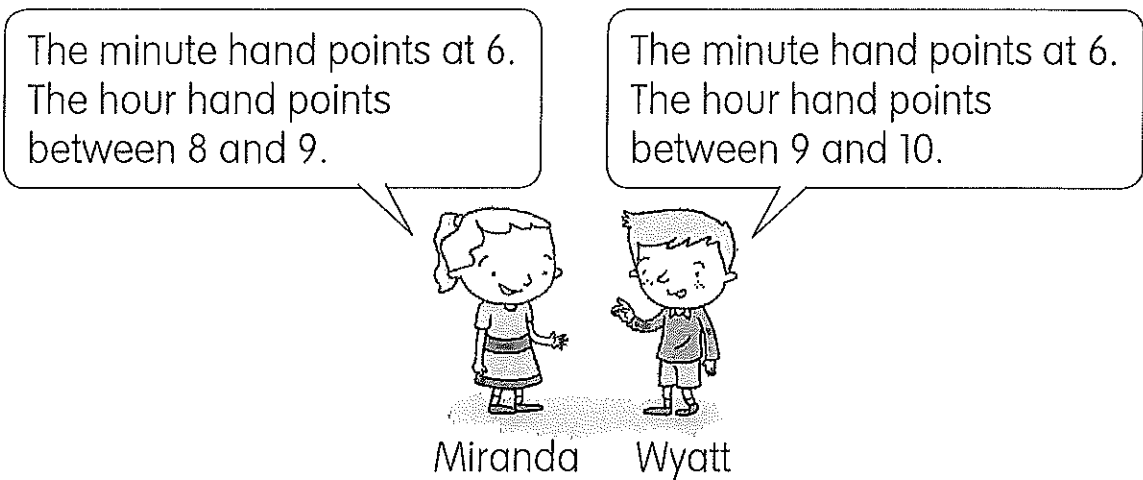
Tens	Ones

- 12 These number cards make a number pattern.
Find the missing numbers.
Write the answer in each blank.

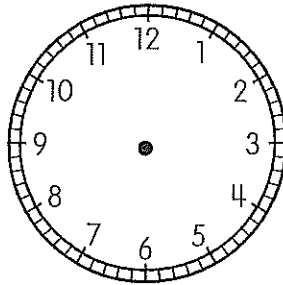


The missing numbers are _____, _____, and _____.

- 13 Miranda and Wyatt describe the positions of the clock hands at half past 9.



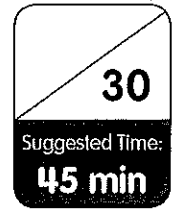
Draw clock hands to show who is correct.
Then, circle the name.



Miranda / Wyatt is correct.



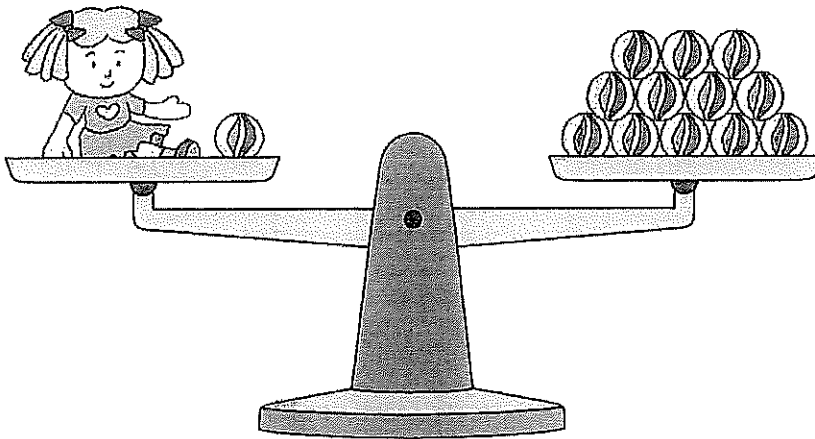
Assessment Guide Cumulative Review 4



Section A Multiple-Choice Questions

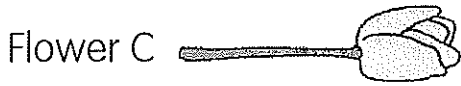
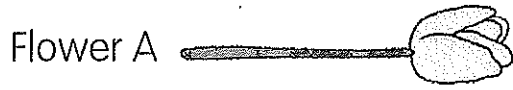
(10 × 2 = 20 points)

1 What is the weight of the doll?



- (A) about 12
- (B) about 10
- (C) about 11
- (D) about 9

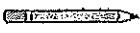


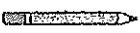
2 Which of these is true?



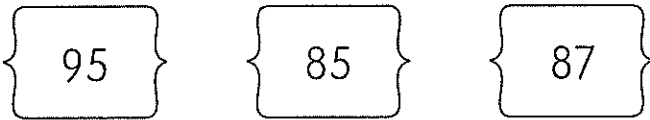
- A Flower A is longer than Flower B.
- B Flower B is longer than Flower A.
- C Flower C is longer than Flower A.
- D Flower C is longer than Flower B.

3 How long is the ribbon?



- (A) about 5  long
- (B) about 6  long
- (C) about 7  long
- (D) about 8  long

4 What are the numbers from least to greatest?



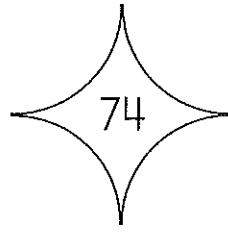
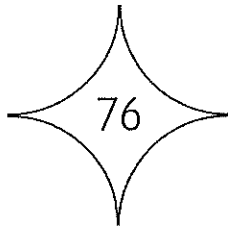
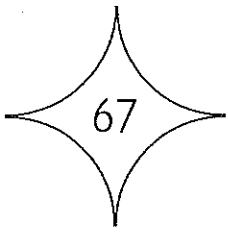
- (A) 85, 87, 95
- (B) 85, 95, 87
- (C) 87, 95, 85
- (D) 95, 87, 85

5 What is the missing number?

93 = _____ tens 23 ones

- (A) 9
- (B) 8
- (C) 7
- (D) 6

6 Compare the numbers.
Which of these is true?

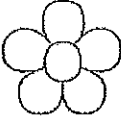



- (A) 67 is greater than 76.
- (B) 67 is less than 74.
- (C) 67 is the greatest.
- (D) 67 is the same as 76.

- 7 Subtract.
What is the missing number?


	3	4	
-	?		
	2	8	

- (A) 4
- (B) 6
- (C) 14
- (D) 16

- 8  and  each stands for a number.

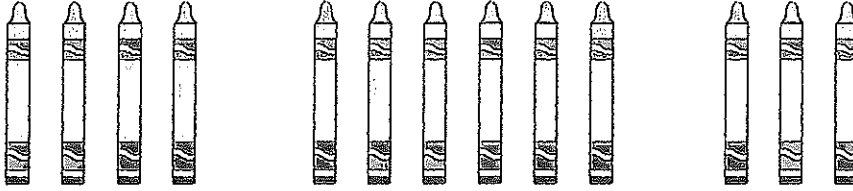
$$\text{flower} + \text{flower} + \text{flower} = 18$$

$$\text{flower} + \text{leaf} = 25$$

What is the value of  ?

- (A) 7
- (B) 19
- (C) 22
- (D) 31

- 9 Luis has 4 crayons at first.
His sister gives him 6 crayons.
His brother gives him 3 crayons.
How many crayons does Luis have in all?



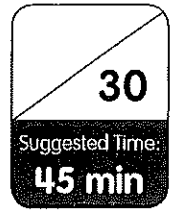
- (A) 10
(B) 12
(C) 13
(D) 14
- 10 Kayla saw 32 animals at a zoo.
Dae saw 6 more animals than Kayla.
How many animals did Dae see?
- (A) 26
(B) 28
(C) 36
(D) 38

- 13 Thomas solves 19 math questions.
He solves 4 fewer questions than Constance.
How many questions does Constance solve?

Constance solves _____ questions.



Assessment Guide Cumulative Review 5



Section A Multiple-Choice Questions

(10 × 2 = 20 points)

- 1 Add.
What is the missing number?

$$78 + 7 = \underline{\hspace{2cm}}$$

- (A) 83
- (B) 84
- (C) 85
- (D) 87

- 2 Add.
What is the missing number?

	Tens	Ones
	4	3
+	?	
<div style="display: flex; justify-content: space-around; width: 100%;"> 6 8 </div>		

- (A) 5
- (B) 20
- (C) 25
- (D) 52

- 3 Subtract.
What is the missing number?

$$81 - 50 = \underline{\hspace{2cm}}$$

- (A) 41
- (B) 30
- (C) 31
- (D) 21

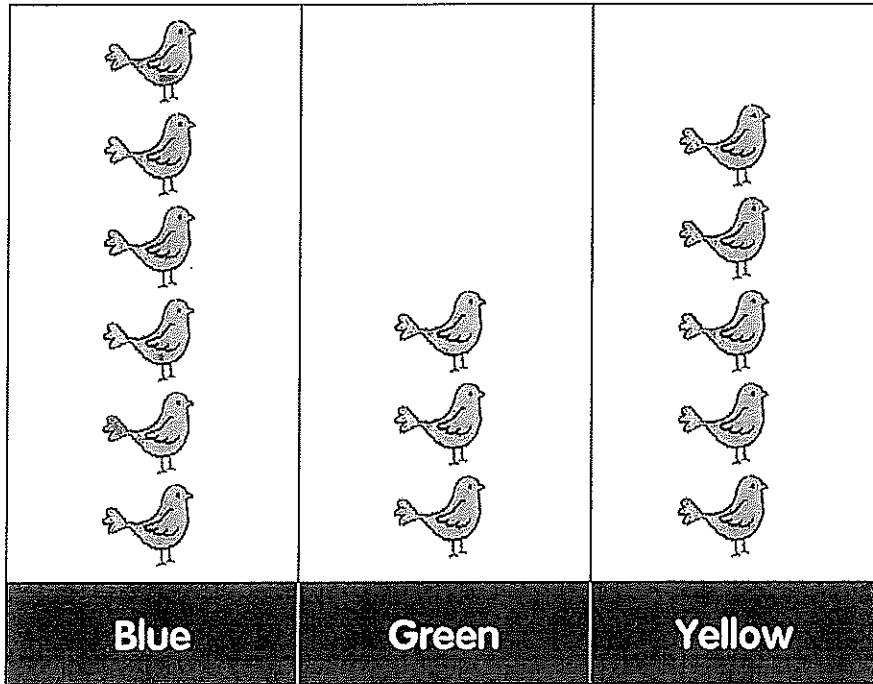
- 4 Subtract.
What is the missing number?

	Tens	Ones
	9	2
-	?	
	6	9

- (A) 23
- (B) 27
- (C) 33
- (D) 37

- 5 Look at the picture graph.
The graph shows the number of birds Mr. Lopez saw
in a park.

Birds Mr. Lopez Saw



How many birds did Mr. Lopez see in all?

- (A) 15
- (B) 14
- (C) 11
- (D) 8

- 6 Look at the tally chart.
The chart shows the favorite books of some children.

Type of Books	Tally
History	
Math	/
Science	

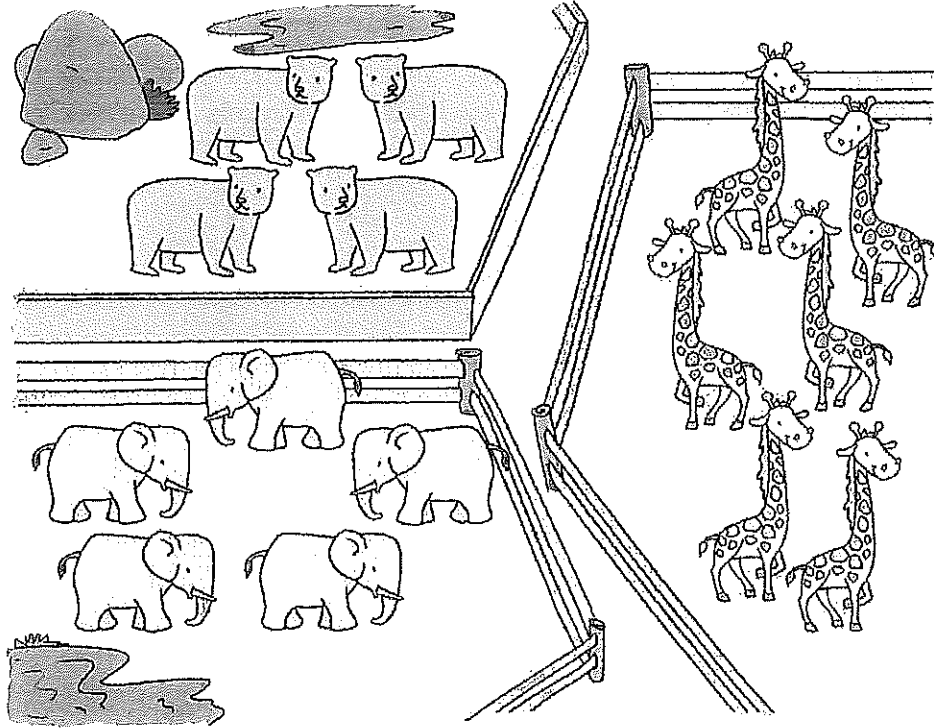
How many children like Math or Science books?

- (A) 6
- (B) 8
- (C) 9
- (D) 10




Section B Short Answer Questions

(3 × 2 = 6 points)

11 Eva saw some animals at the zoo.







a Complete the tally chart.


Type of Animals	Tally	Number
 Bear		
 Elephant		
 Giraffe		

b Eva saw _____ animals in all.

12 Ryan is solving the following problem:

 and  each stands for a number.

 $\xrightarrow{+17}$  $\xrightarrow{-23}$ 58

Find the value of .


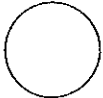
He writes:

$$58 - 23 = 35$$
$$35 + 17 = 52$$

Circle Ryan's mistakes.

Then, fill in each blank to show how you find the

value of .

 = _____  _____ = _____

 = _____  _____ = _____