Aayan

THINKING MATHEMATICS 1A WORKBOOK 2

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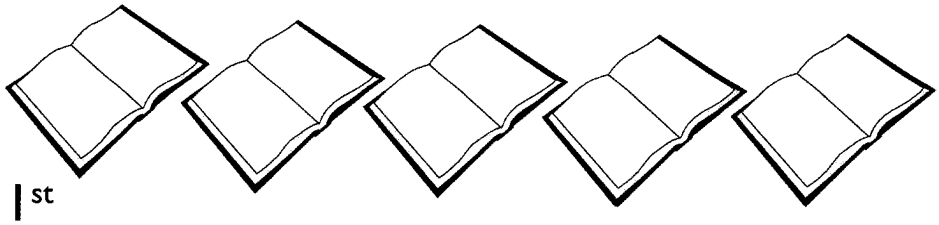
Order With Numbers

Exercise one

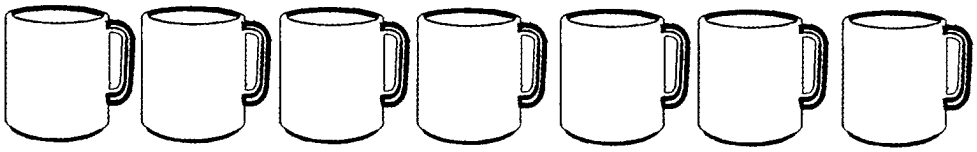
1. Color:

the 3rd book



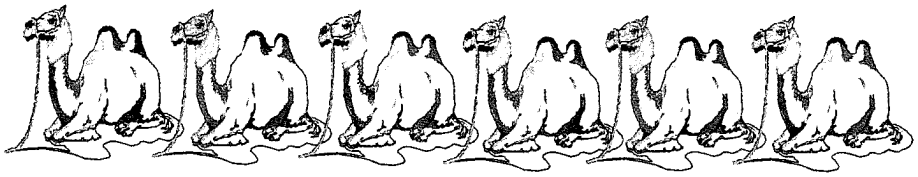
1st

the 7th cup



1st

the 2nd camel



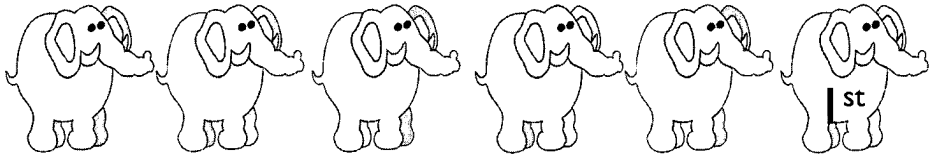
1st

the 6th ice-cream cone

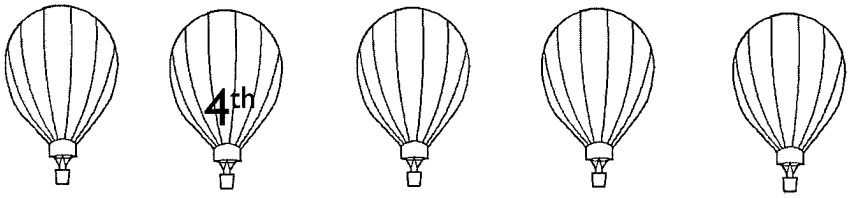
1st

2. Ring:

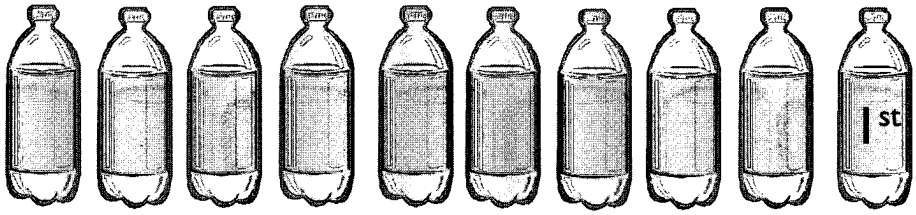
the 5th elephant



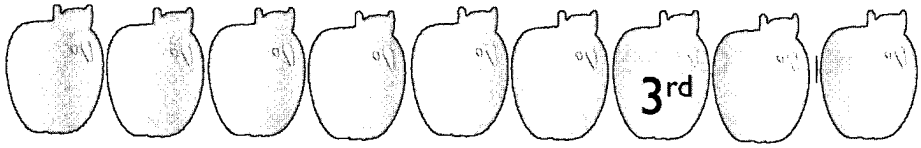
the 1st balloon



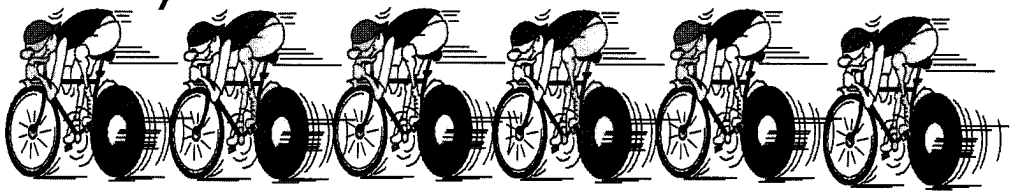
the 9th bottle



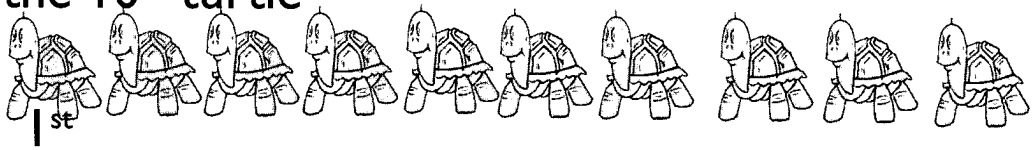
the 8th apple



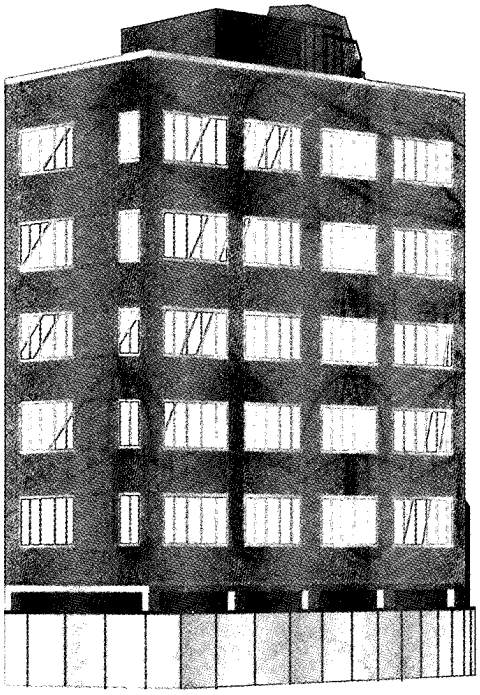
the 4th cyclist



the 10th turtle



3. Fill in the blanks.



_____ floor

_____ floor

_____ floor

_____ floor

_____ floor

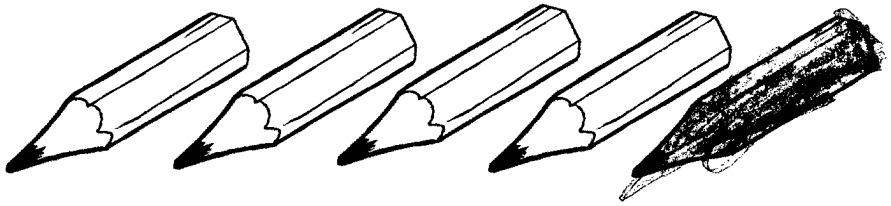
First floor

4. Match the runners to their present places in the race.

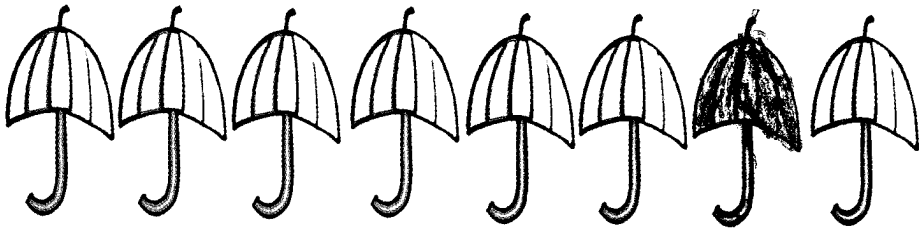
third	fourth	first	fifth	second

5. Color:

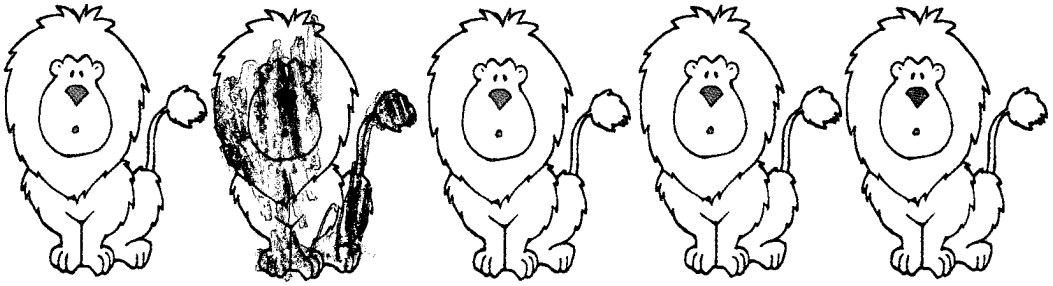
the fifth pencil from the right



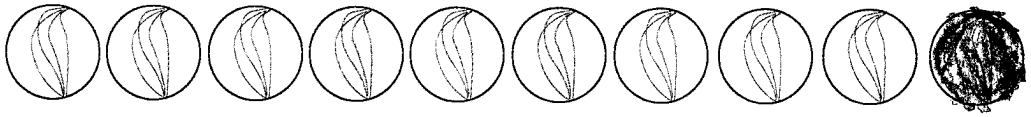
the seventh umbrella from the left



the second lion from the left

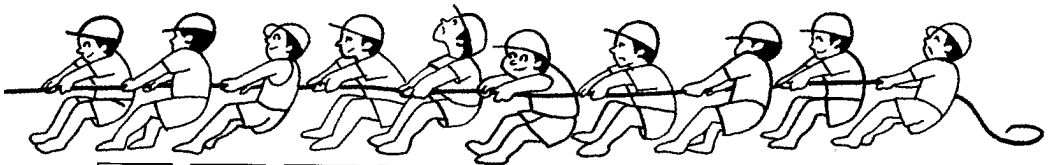


the tenth marble from the right



6. Fill in the boxes.

(a)

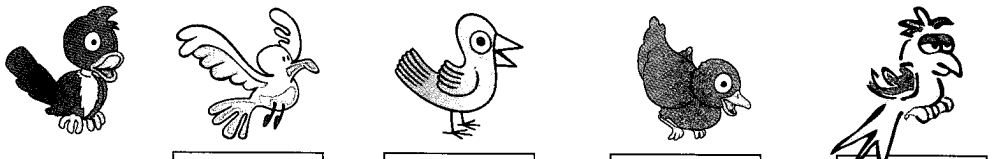


1st ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

(b)

3rd

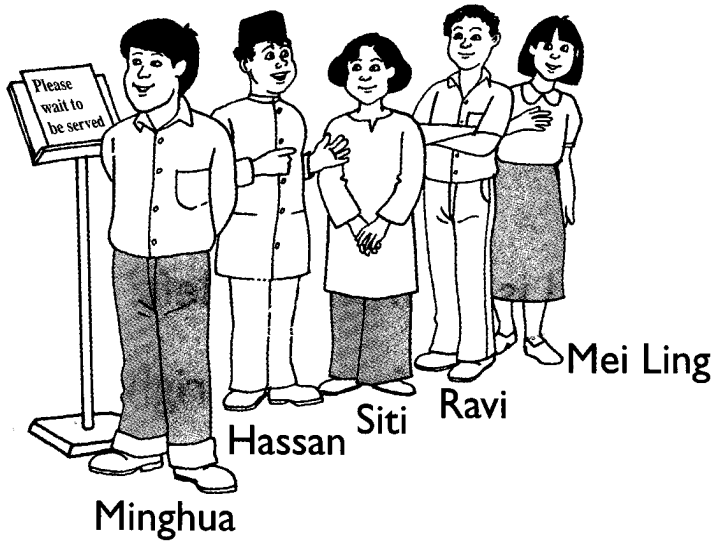
(c)



fifth

Exercise two

7. The picture shows a group of children queuing to get into a restaurant.



Answer the following questions.

(a) Who is fifth in the queue? _____

(b) Who is second in the queue? _____

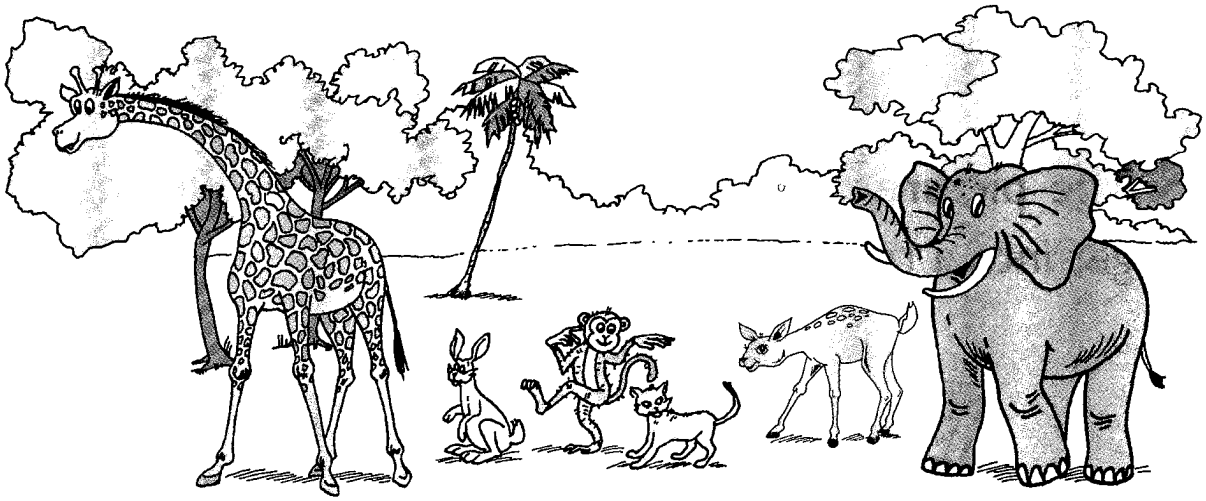
(c) In what position is Ravi? _____

(d) In what position is Minghua? _____

(e) How many children are in the queue altogether?

_____

8. Fill in the blanks with the correct answers.



(a) Which animal is 3rd from the left? _____

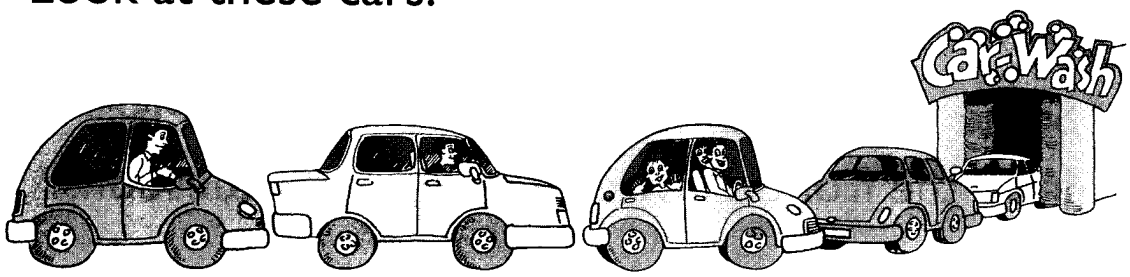
(b) Which animal is 2nd from the right? _____

(c) The elephant is _____ from the left.

(d) The giraffe is _____ from the left.

(e) There are _____ animals altogether.

9. Look at these cars.



(a) Ring the fourth car from the right.

(b) Put a tick (✓) above the third car from the right.

(c) Cross out the first car from the left with an 'X'.

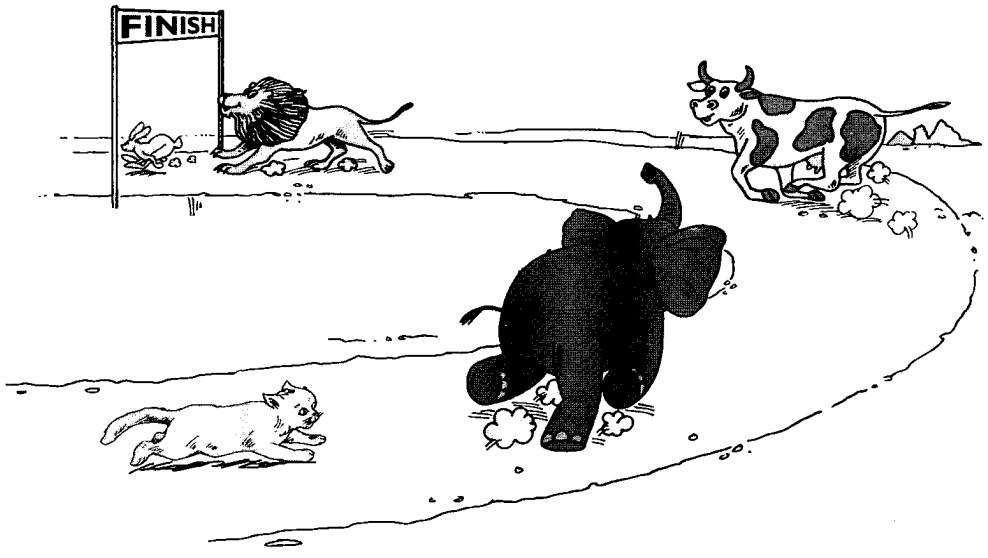
10. Look at the picture. Then write 'yes' or 'no' in the boxes.

(a) The rabbit has won the race. ☐

(b) The lion is now second in the race. ☐

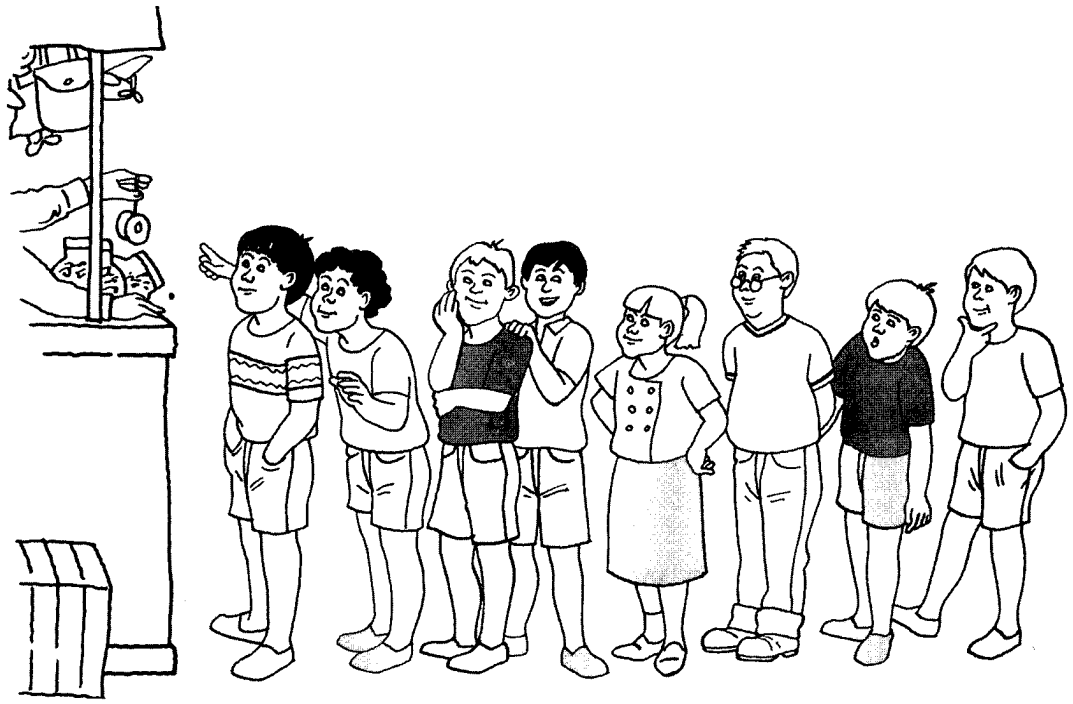
(c) The elephant is now fifth in the race. ☐

(d) The cow is in the third place now. ☐



Exercise three

11. Some children are standing in a queue. Mary is 5th from the front. Answer the following questions.



(a) How many children are standing behind Mary?

_____

(b) How many children are standing in front of Mary?

_____

(c) How many children are there altogether?

_____

12. Maria puts 9 tea-pots in a row.

(a) Color the fifth tea-pot from the right red.

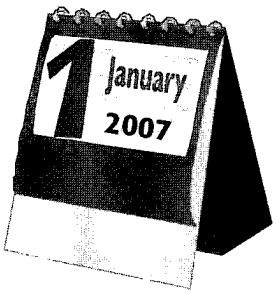
(b) Color the sixth tea-pot from the left green.

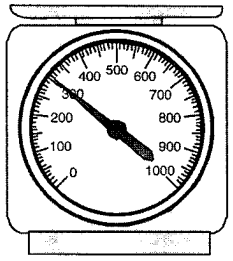
(c) How many tea-pots are to the left of the red one? _____

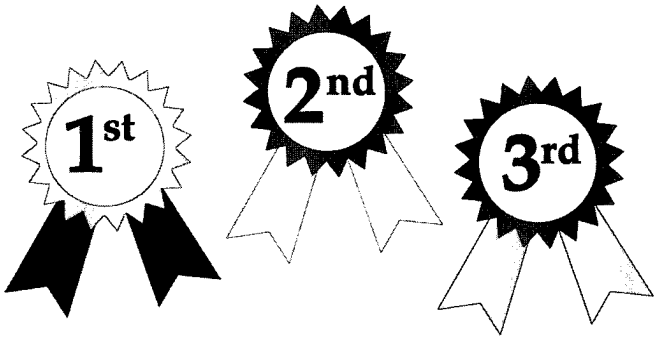
(d) How many tea-pots are to the right of the green one? _____

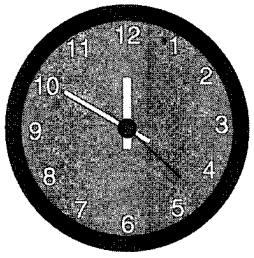
Activity

Say how numbers are used in these pictures. Do you know of other ways in which numbers can be used?





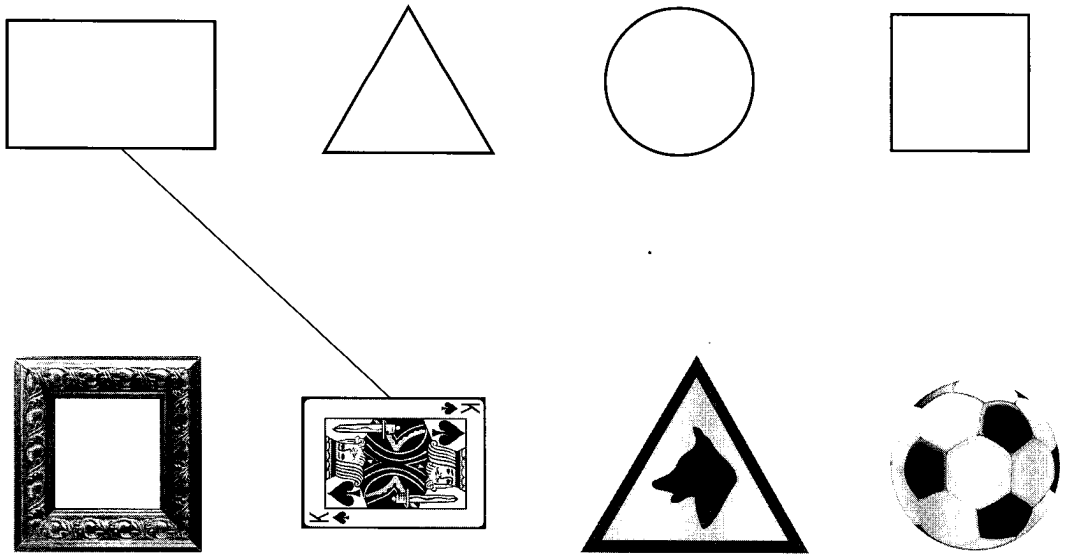




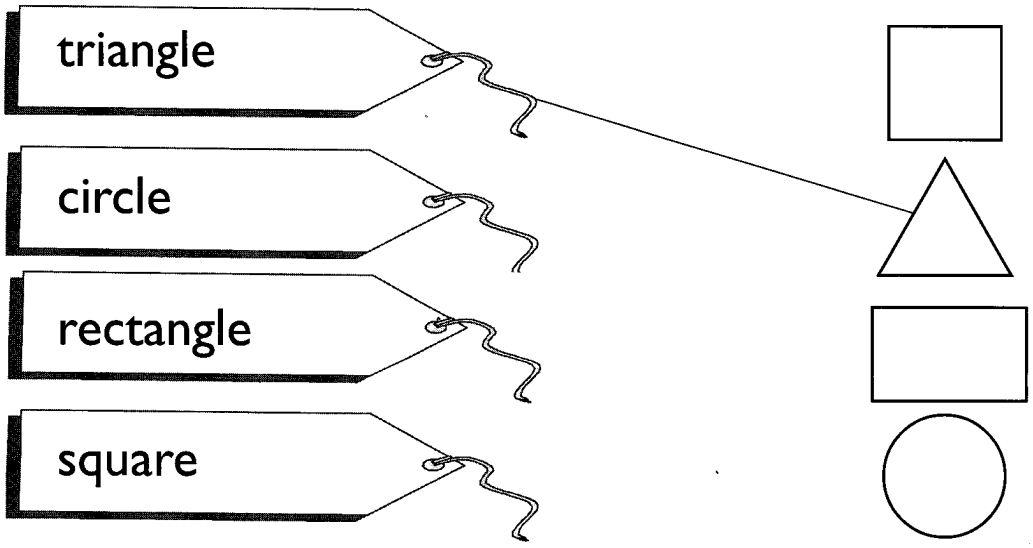
Shapes

Exercise one

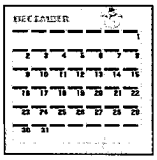
1. Match.



2. Match.



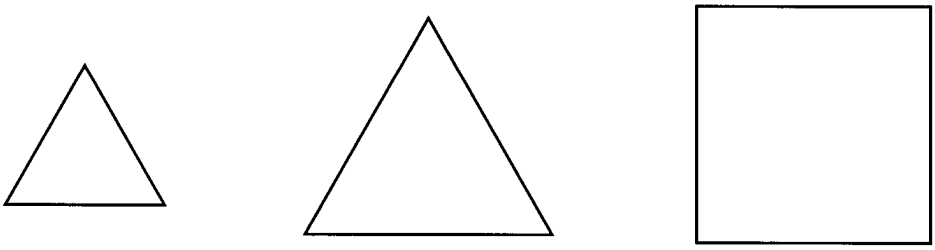
3. Put a tick (✓) above the name of the shape.



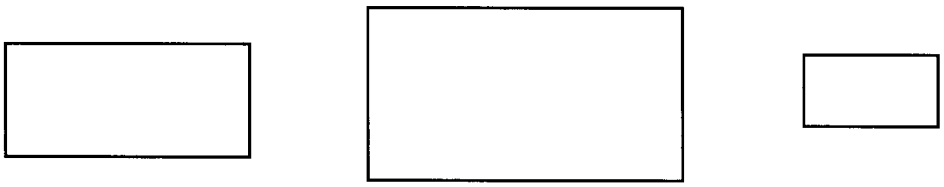
Rectangle Circle Triangle Square

4. Color:

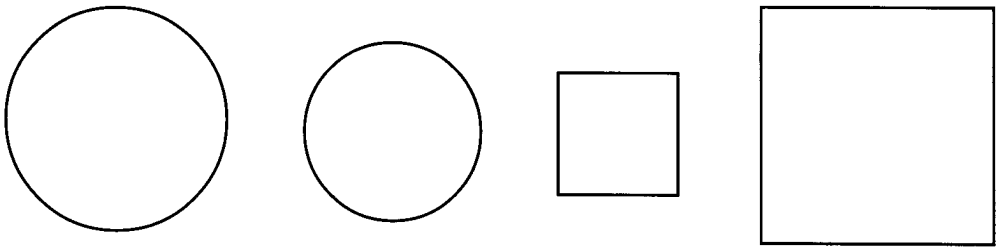
(a) the bigger triangle



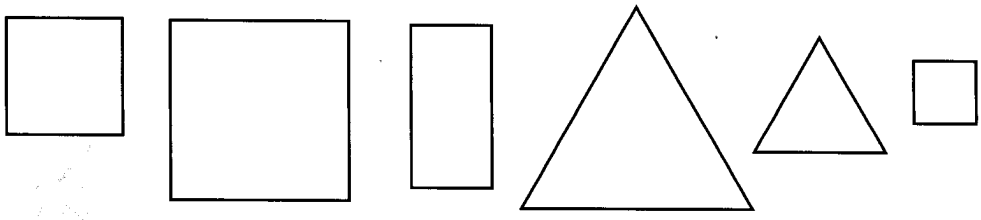
(b) the smallest rectangle



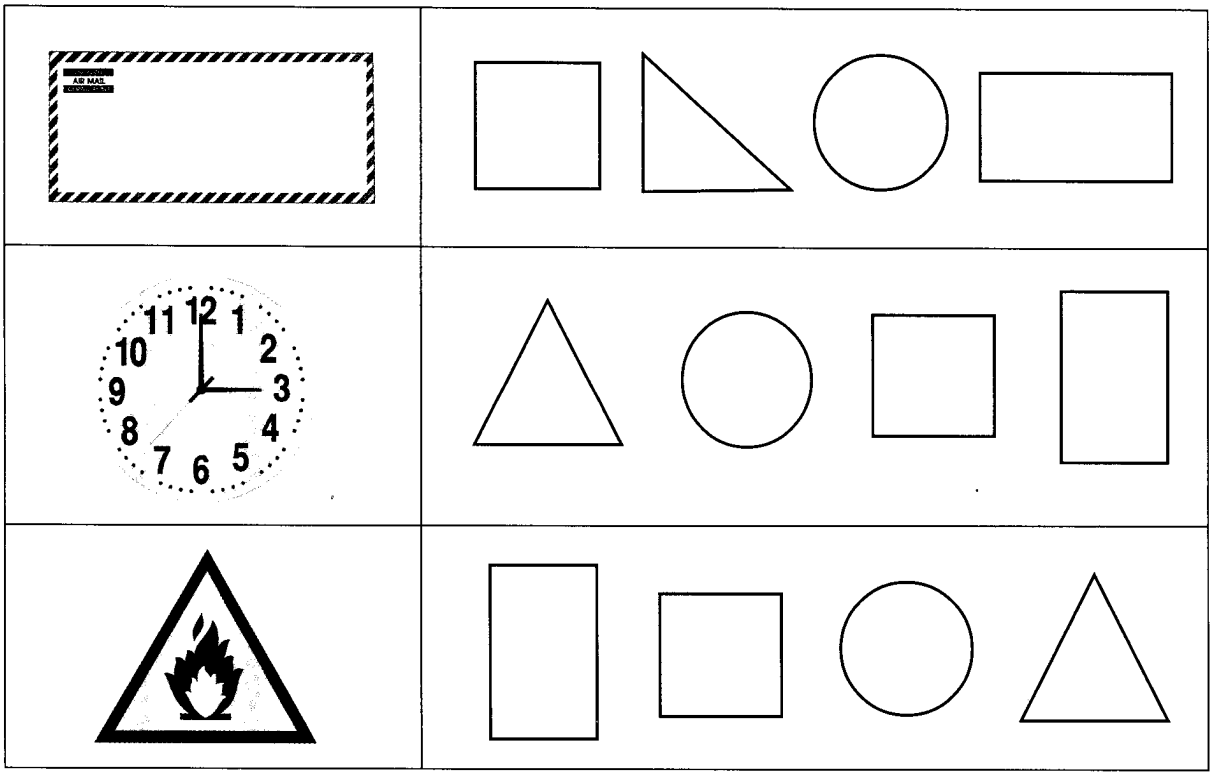
(c) the smaller circle



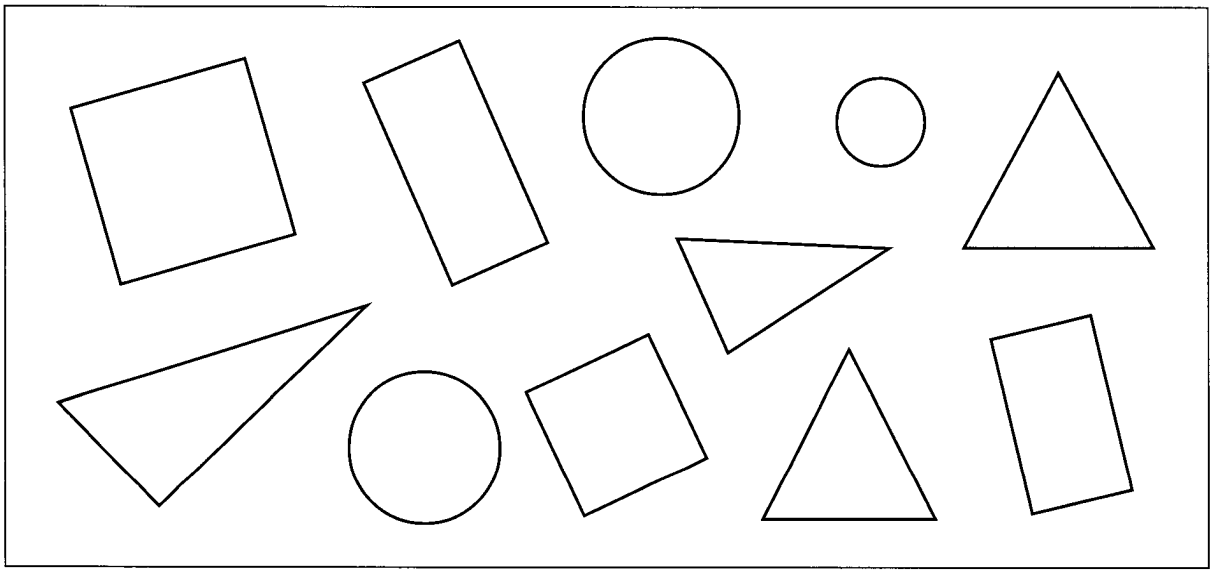
(d) the biggest square



5. Tick (✓) the shape that matches the object.

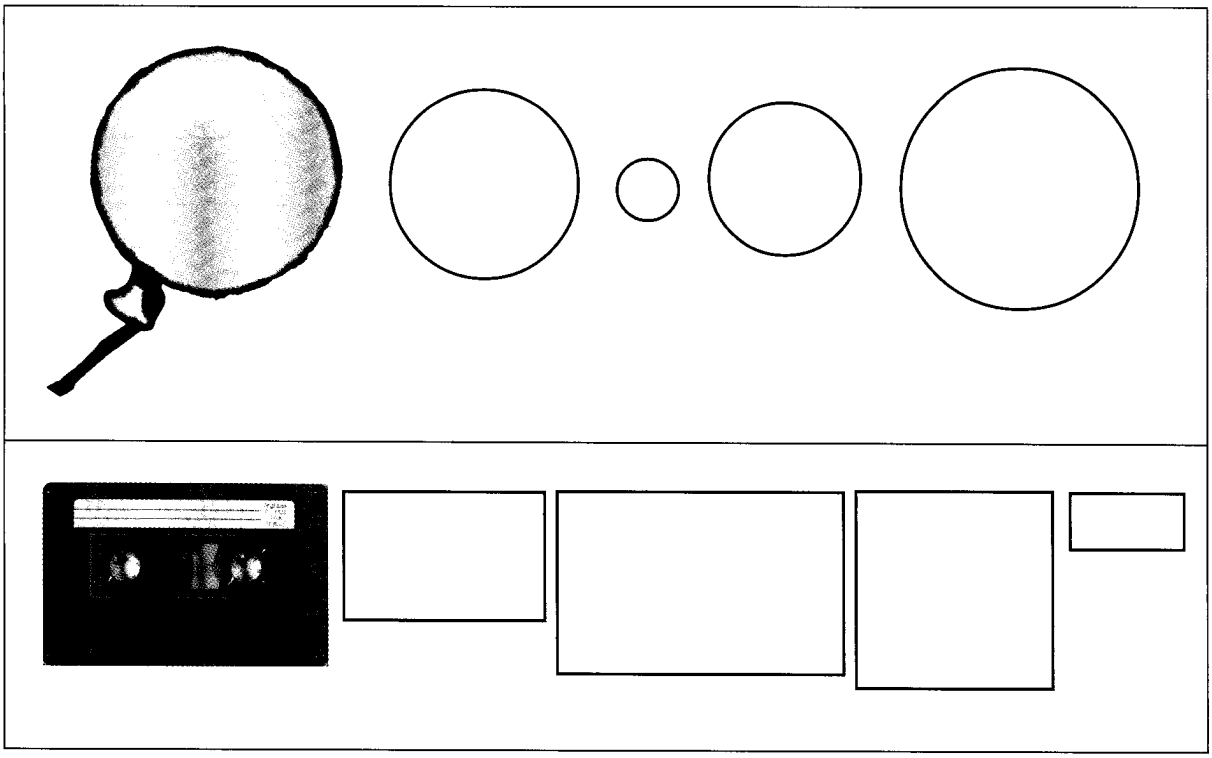


6. Color all the triangles.

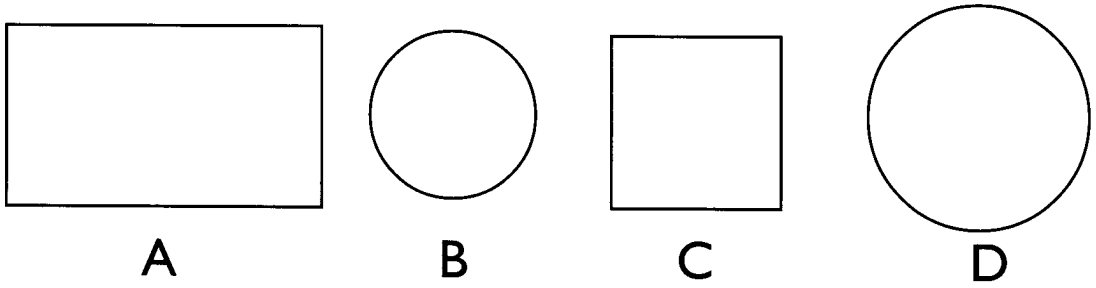


There are _____ triangles altogether.

7. Color the shape which has the same size as the object.



8. Look at these shapes. Then fill in the blanks.



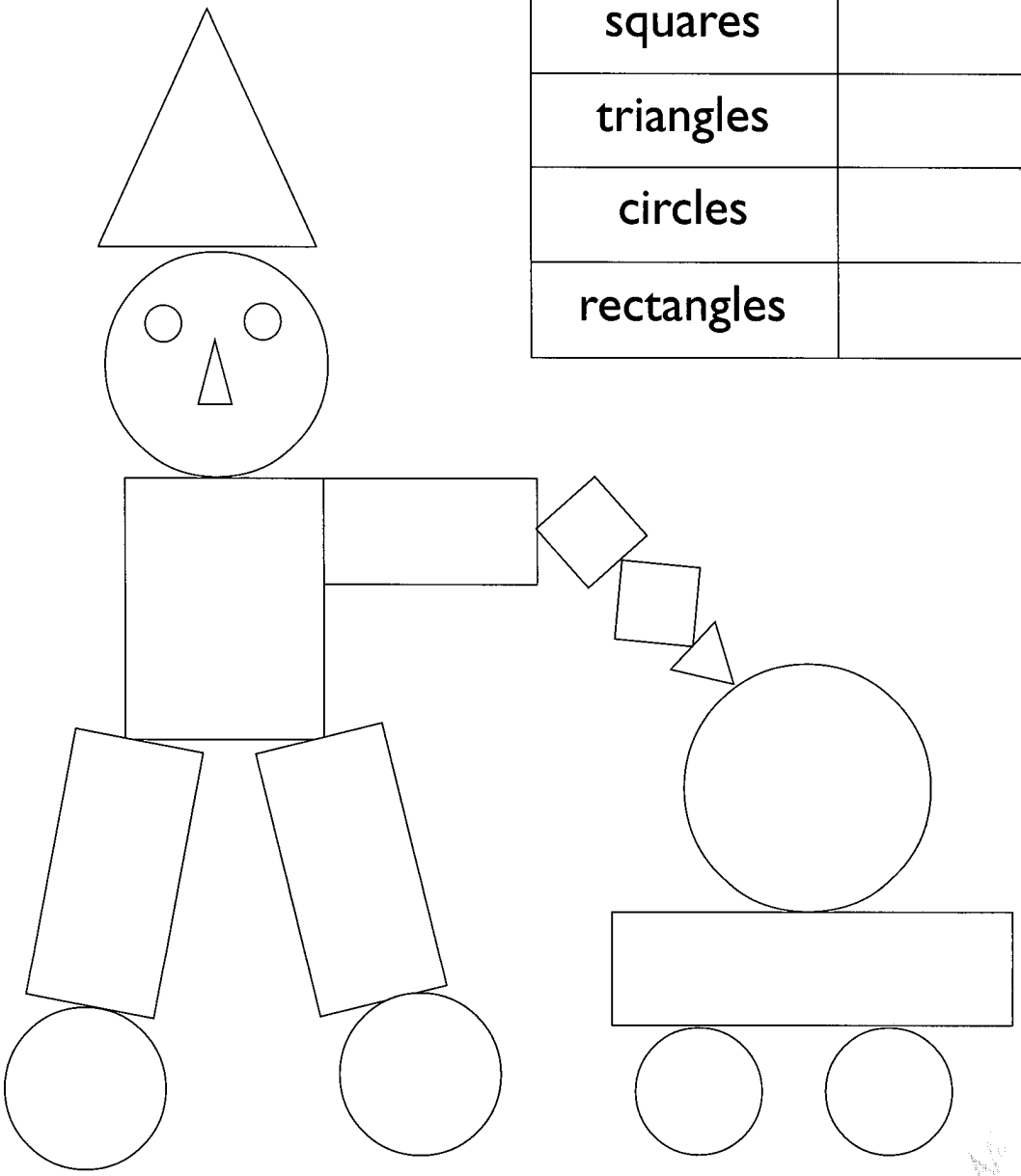
(a) Figures _____ and _____ have the same shape.

(b) What is the shape of Figure A? _____

Exercise two

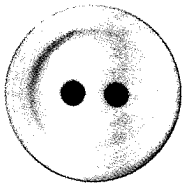
9. How many of each shape are there in the picture? Write your answers in the boxes.

Number of:	
squares	
triangles	
circles	
rectangles	

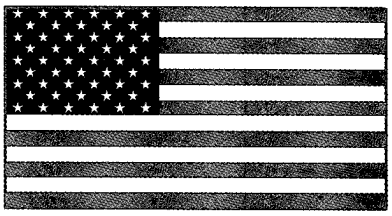


10. Name the shape of these objects.

_____

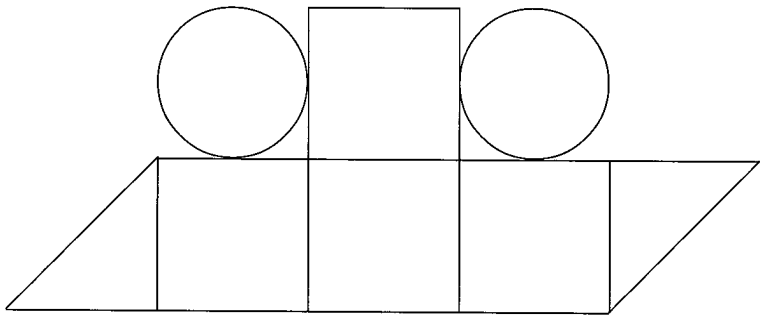


_____



_____

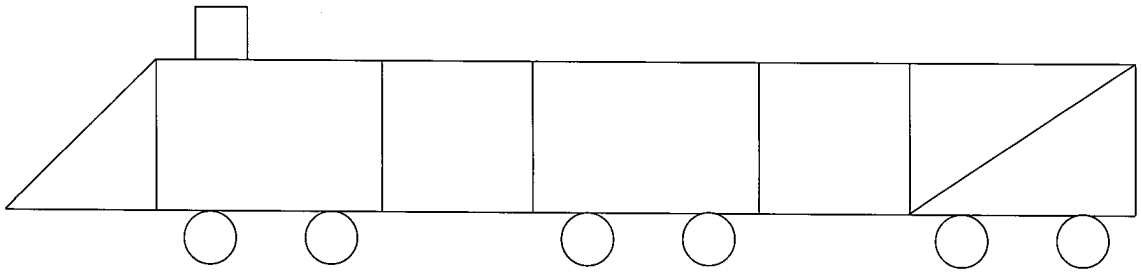
11. Look at the picture. Then fill in the blanks.



There are _____ triangles.

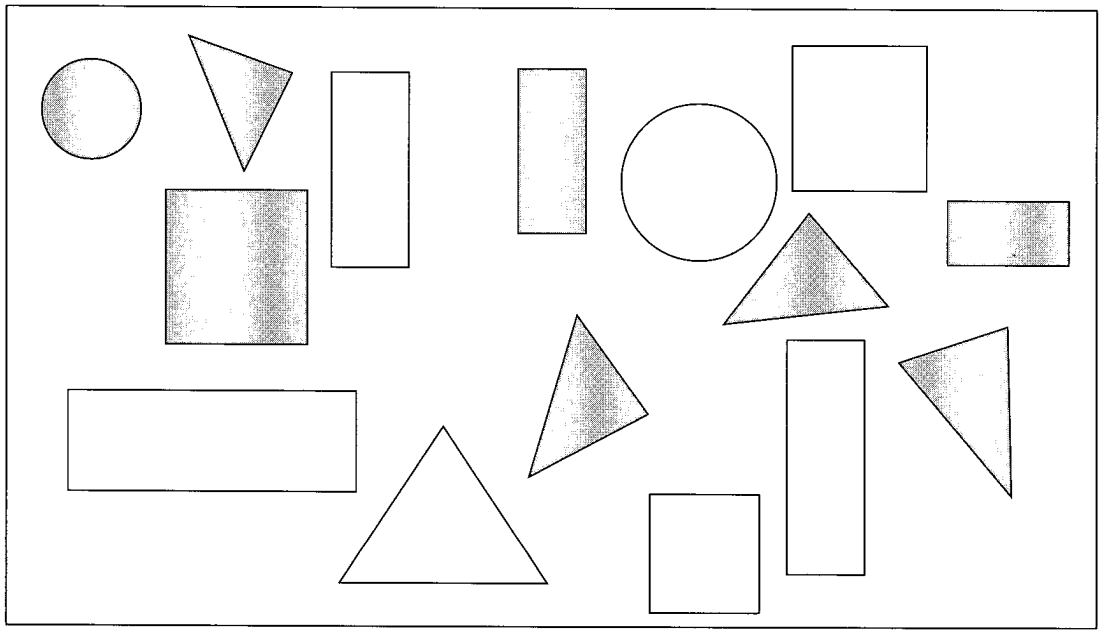
There are _____ more squares than circles.

12.



There are _____ squares in the picture.

13. Study the shapes below and then answer the questions.

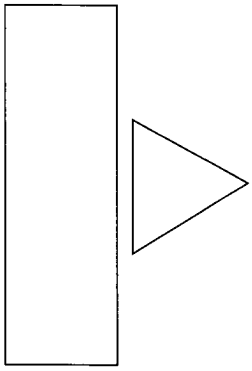


(a) How many rectangles are there? _____

(b) How many more grey triangles than white triangles are there? _____

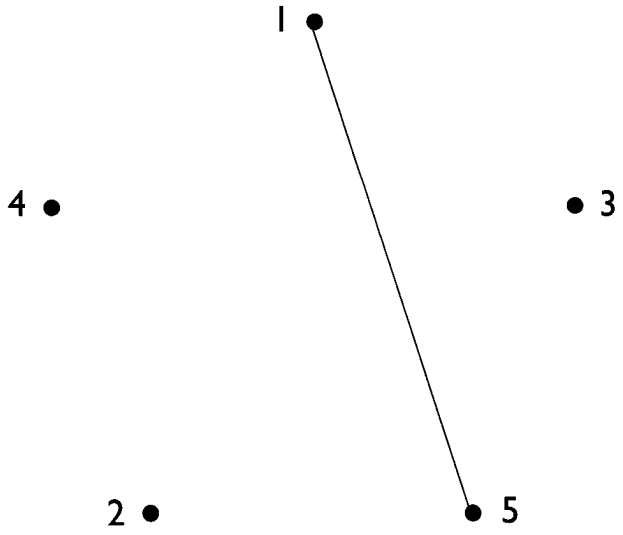
(c) How many shapes are there altogether? _____

14. Draw a picture with these shapes. Other shapes may be used.

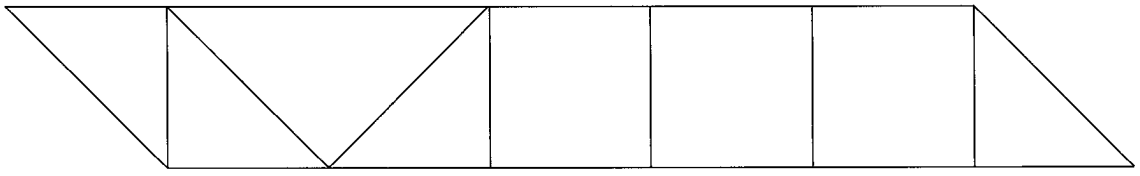


Exercise three

15. Draw straight lines to join the dots in order.



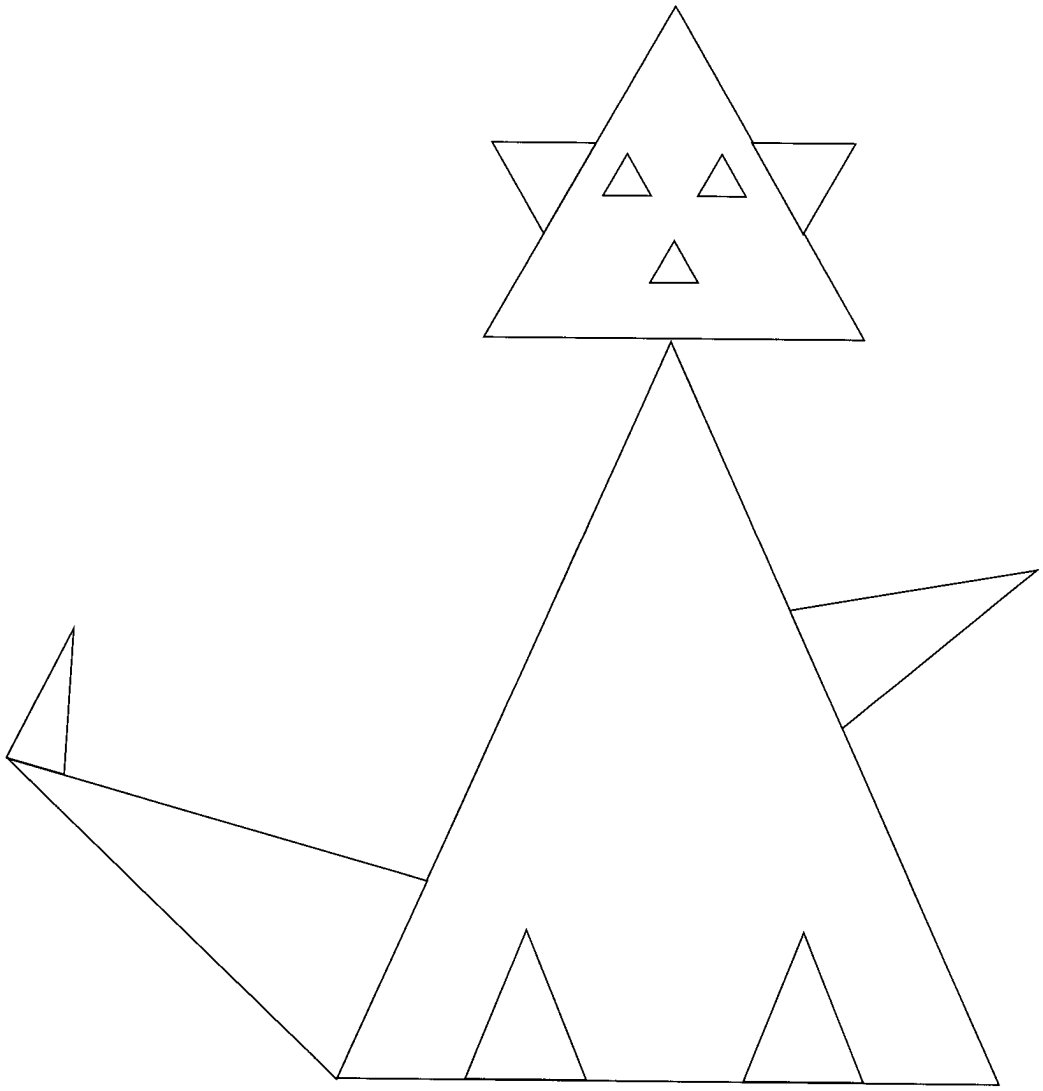
16. How many squares and triangles can you find in the following picture?



There are _____ squares.

There are _____ triangles.

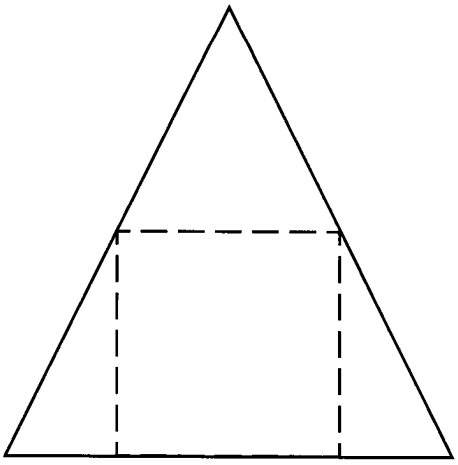
17. Look carefully at the picture. How many triangles can you find?

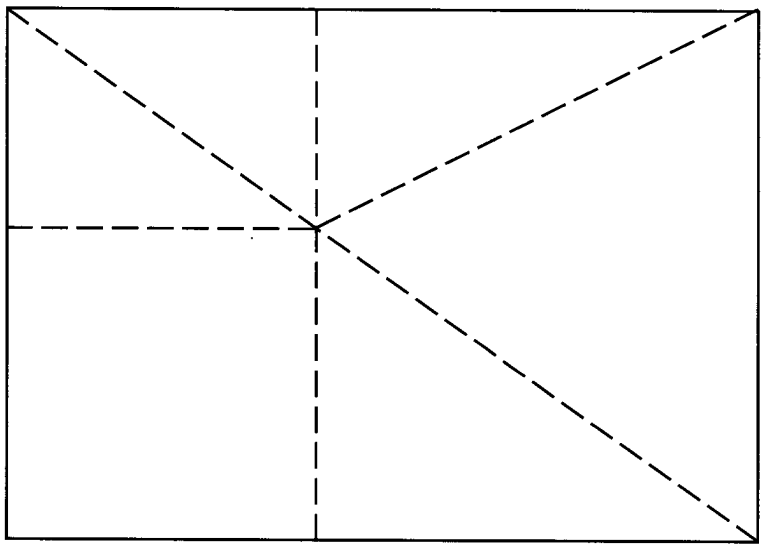


There are _____ triangles altogether.

Activity

Look at these shapes. Trace them onto a piece of paper and cut along the dotted lines. Rearrange the parts for each puzzle in a different way to form figures of your own.

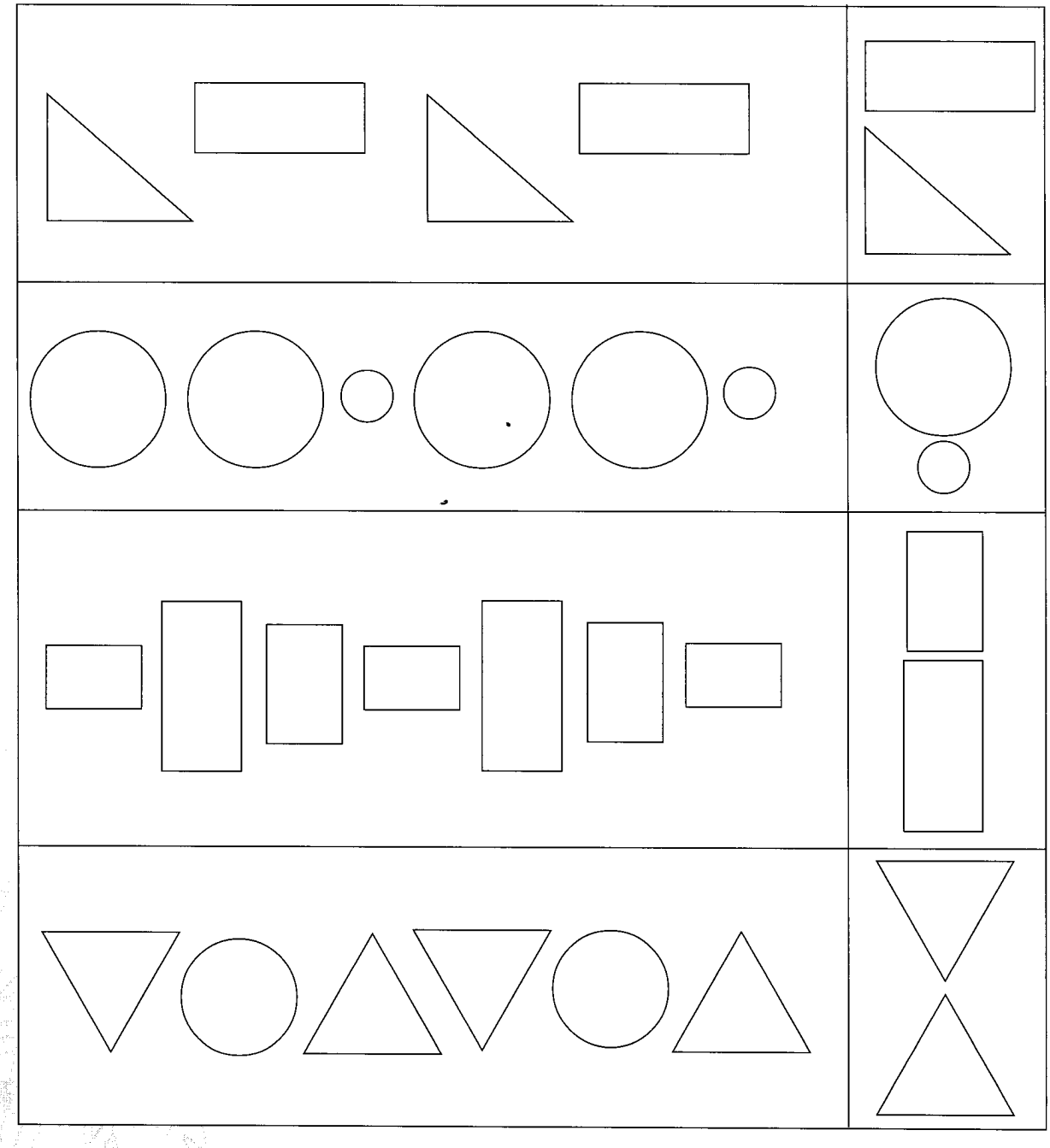




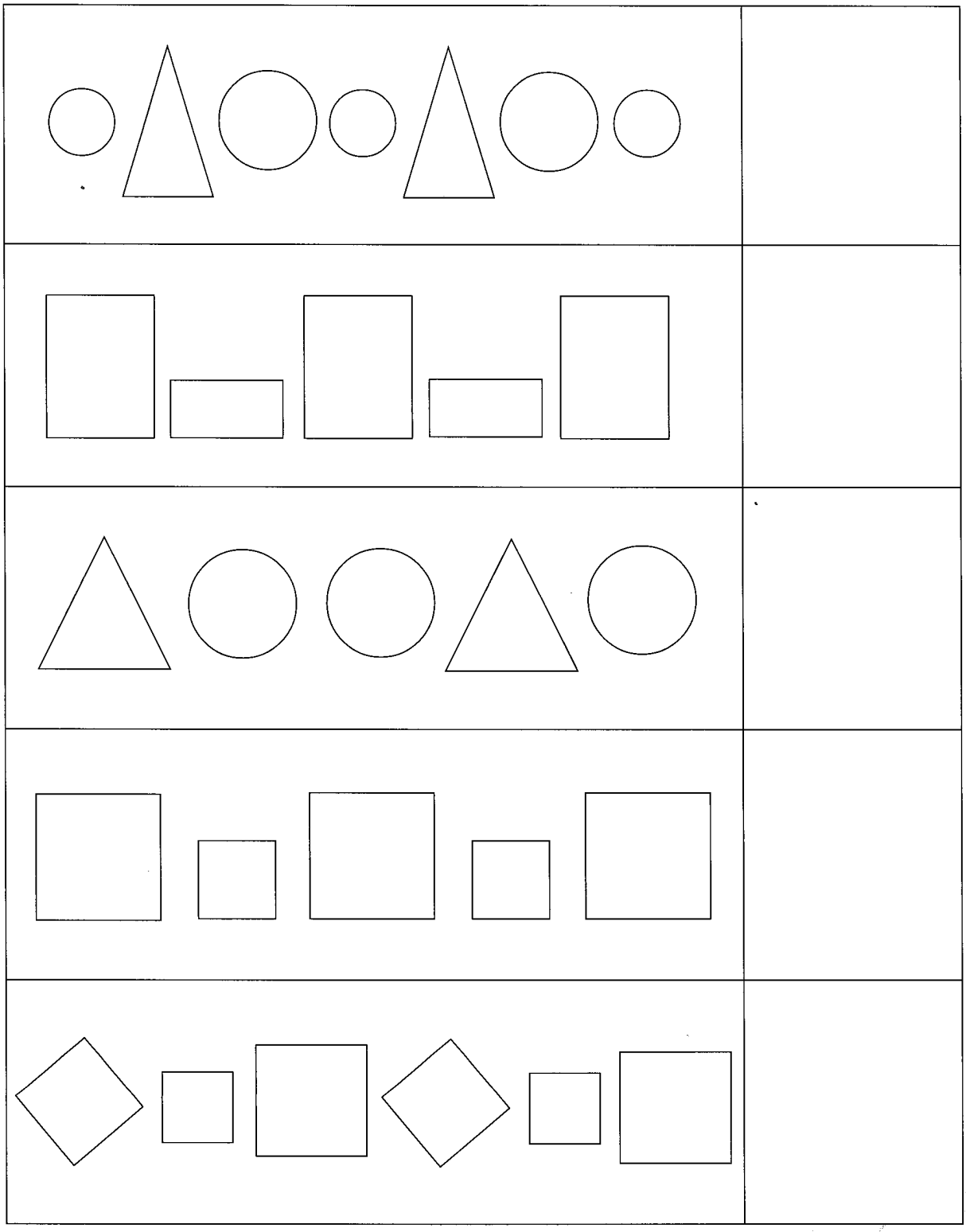
Patterns

Exercise one

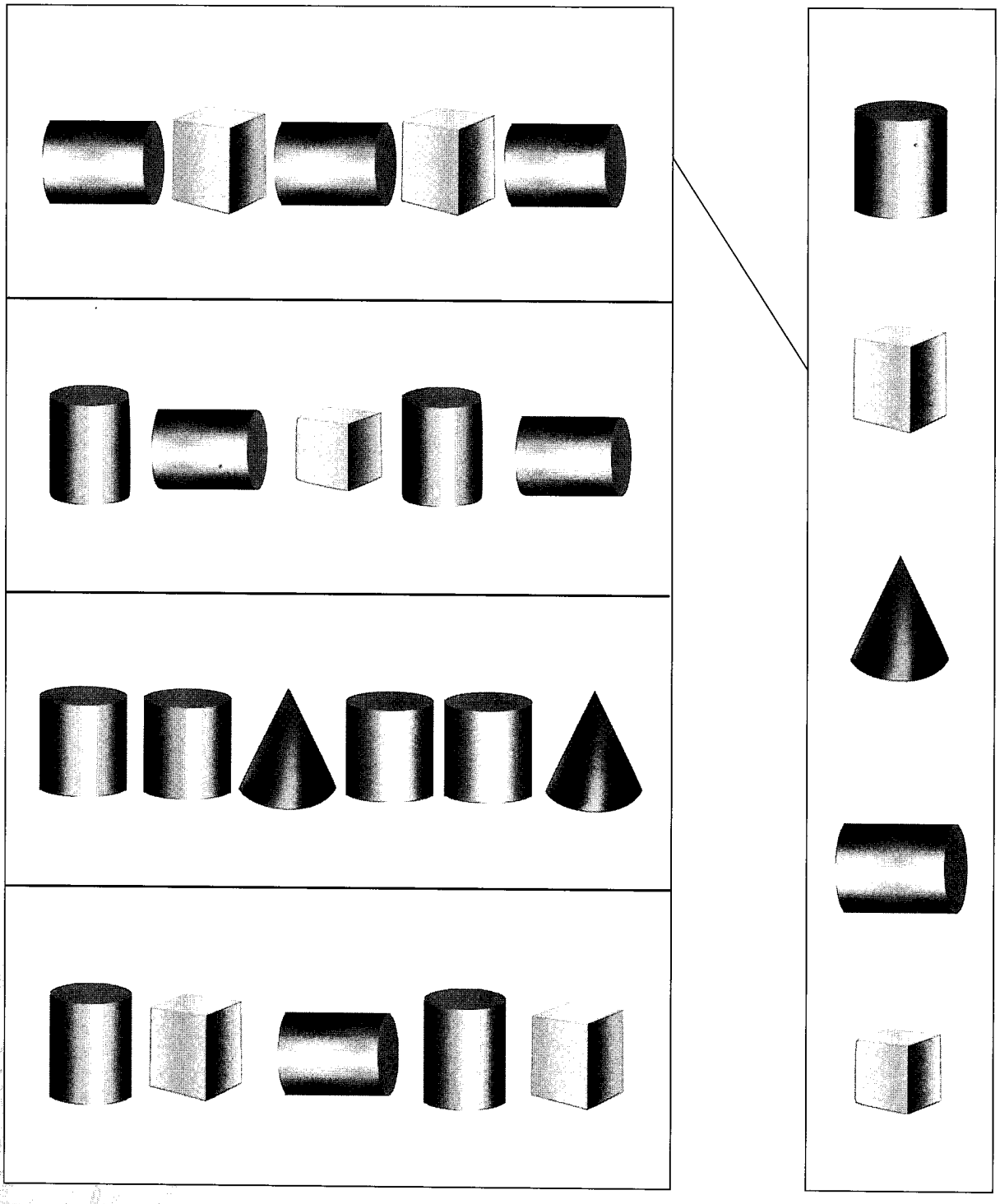
1. Tick (✓) the shape that comes next in each pattern.



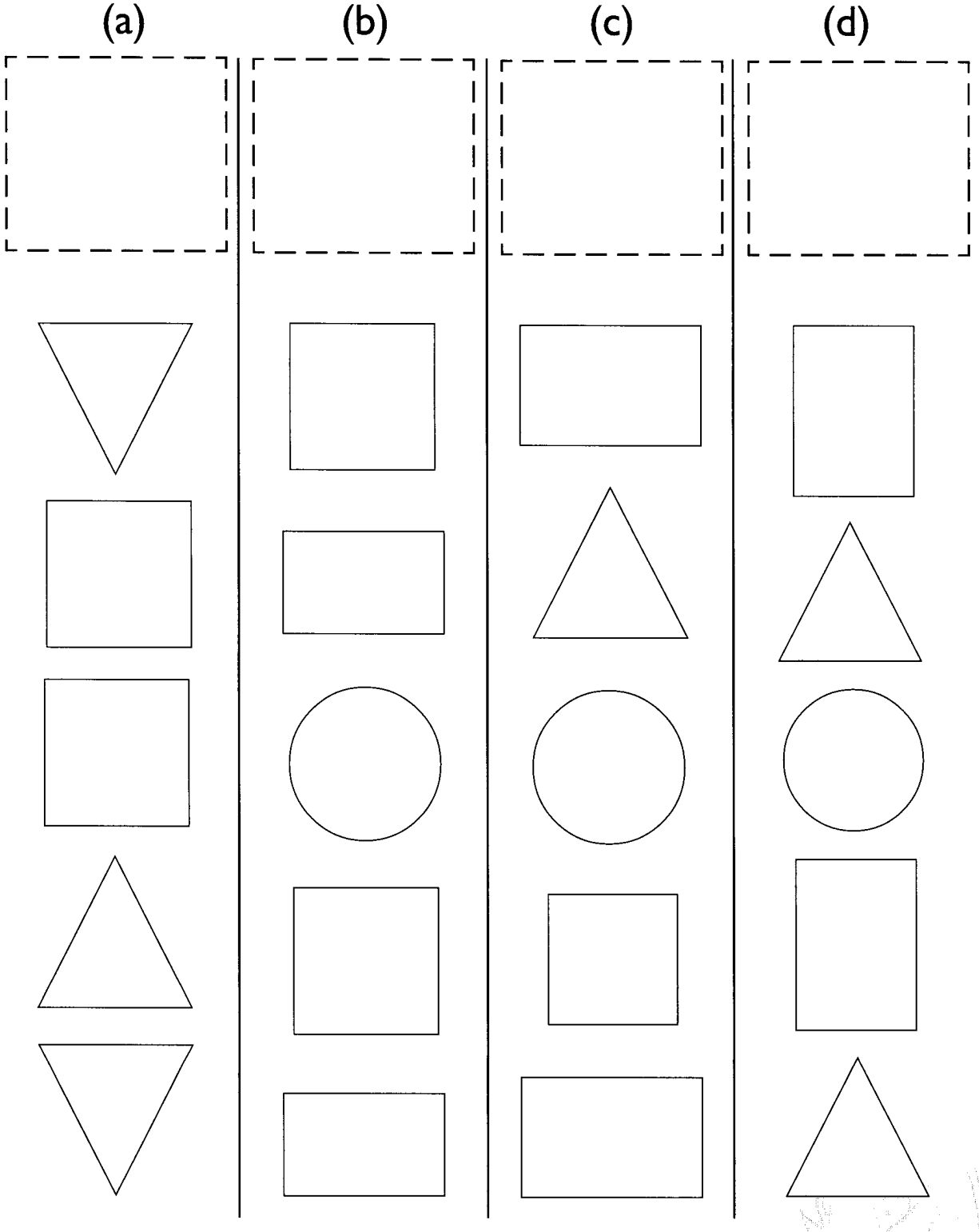
2. Draw the shape that comes next in each pattern.



3. Match the correct shape in the box with each pattern.

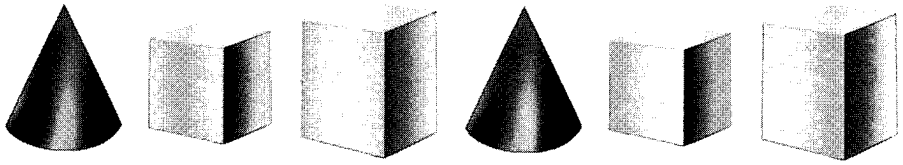


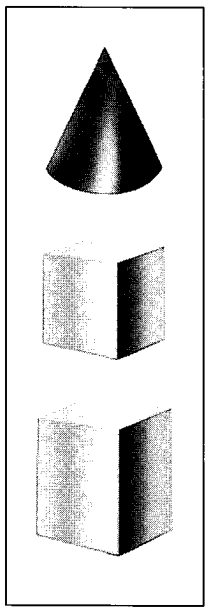
4. Draw the correct shape in the box to complete each pattern.



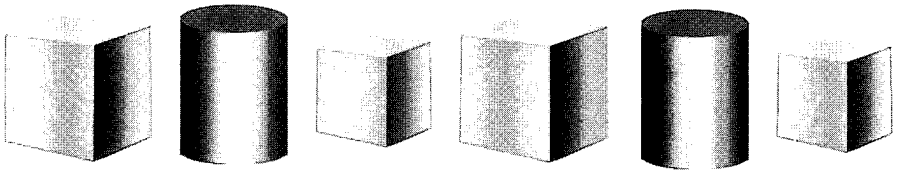
5. What comes next? Circle the correct shape from the box.

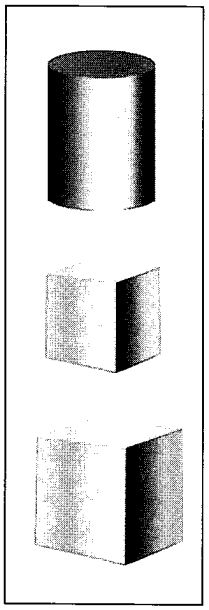
(a)





(b)

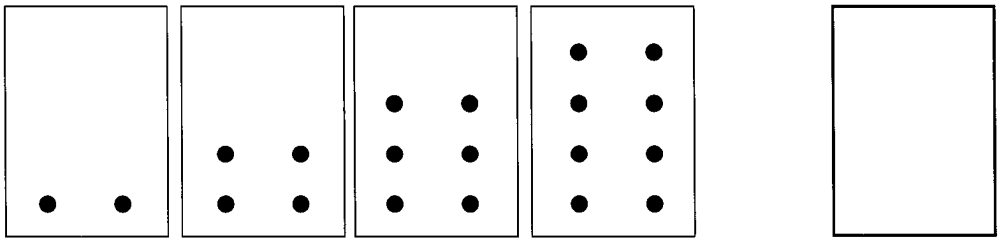




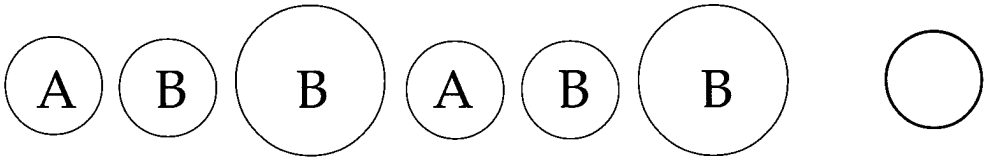
Exercise two

6. What comes next? Complete the patterns.

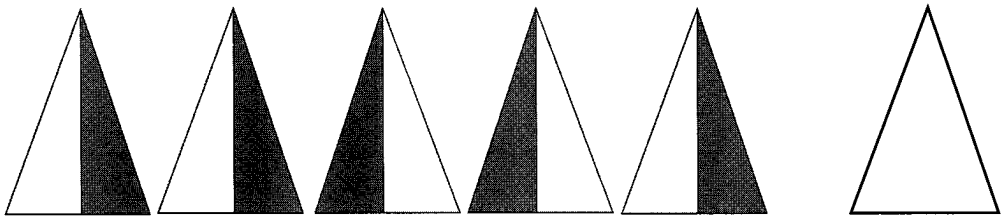
(a)



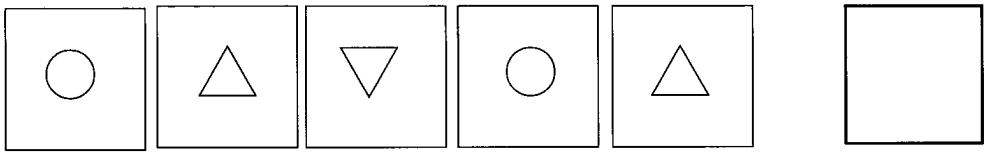
(b)



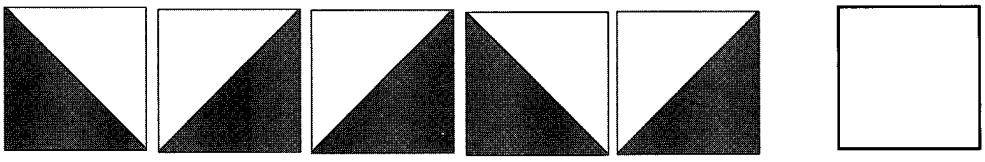
(c)



(d)

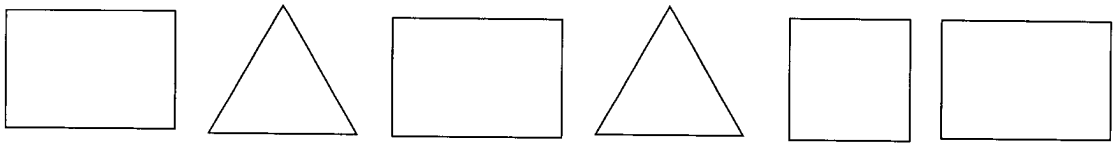


(e)

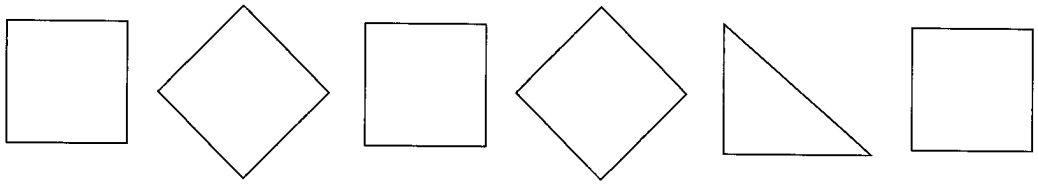


7. Color the shape that does not belong to each pattern.

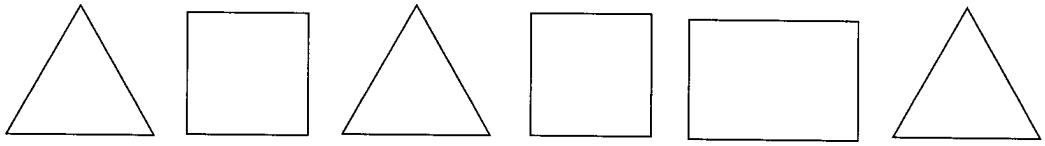
(a)



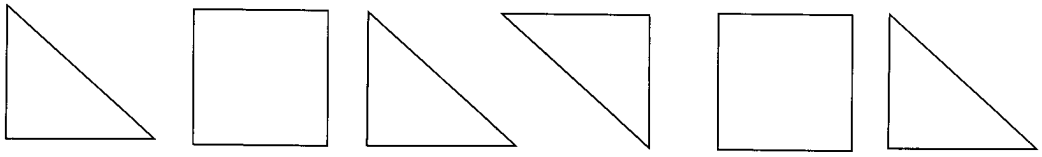
(b)



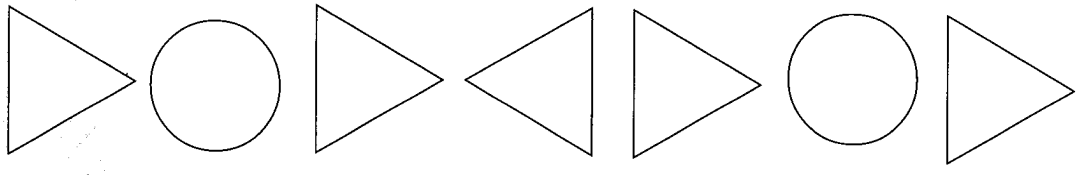
(c)



(d)

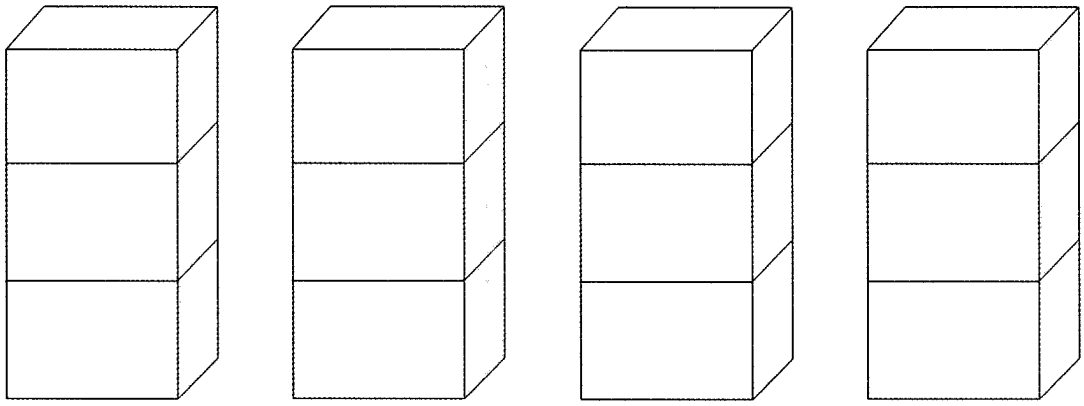


(e)

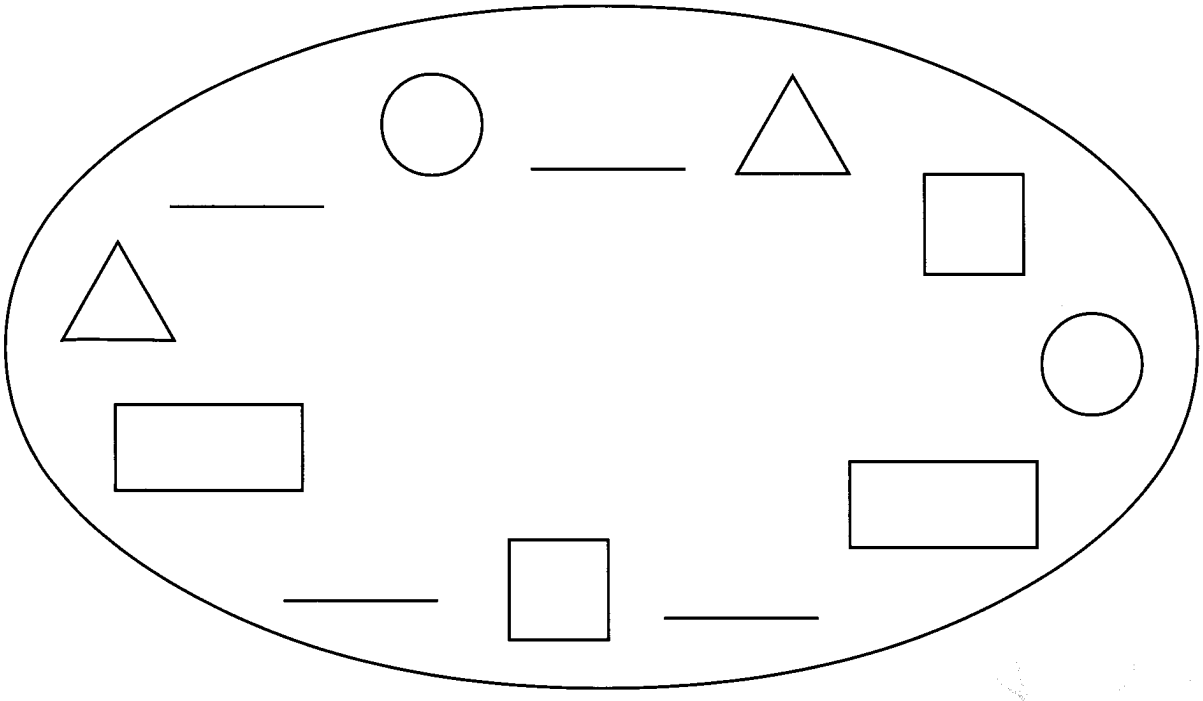


Exercise three

9. Build different towers using a red block, a green block and a blue block for each tower. Color to show your different towers.

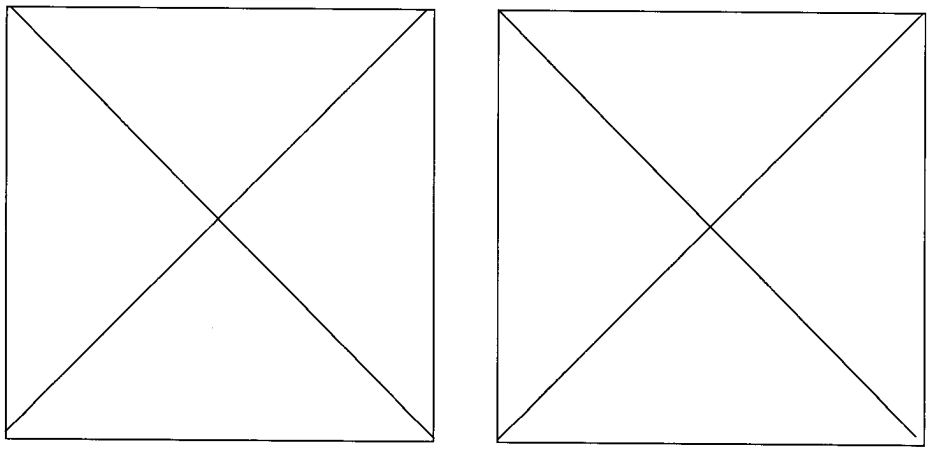


10. Complete the pattern.

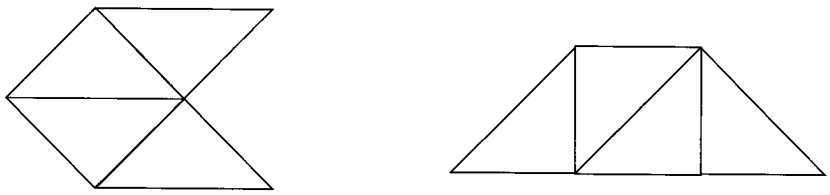


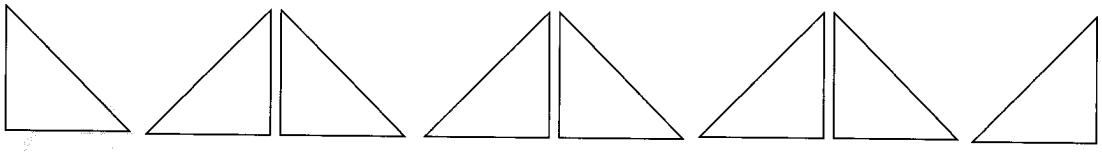
Activity

Trace these squares onto a piece of paper.
Cut each square into 4 triangles.



Use the triangles to form different shapes and patterns.

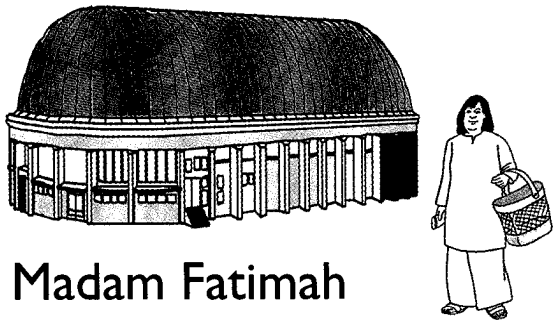




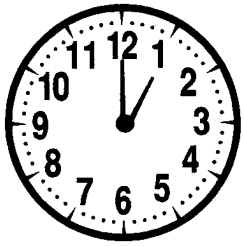
Time

Exercise one

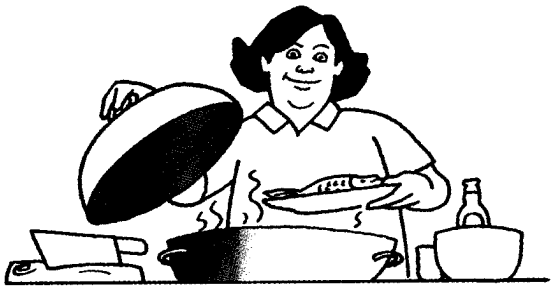
1. Match each picture to the correct time.



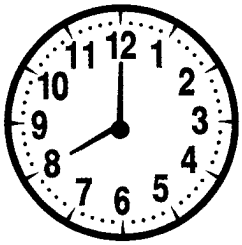
Madam Fatimah goes to the market.



1 o'clock in the afternoon

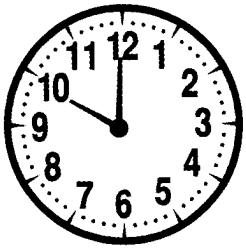


Maria is cooking lunch.



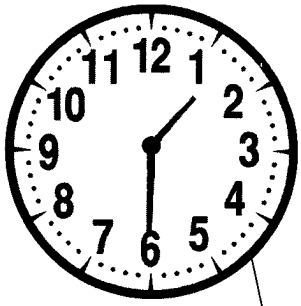
8 o'clock in the morning

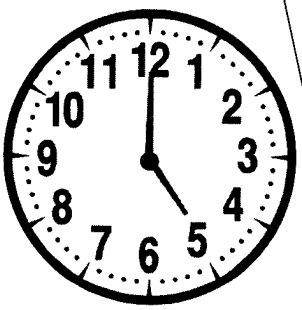
The baby is sleeping.

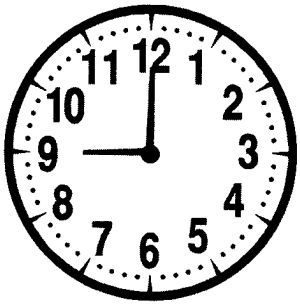


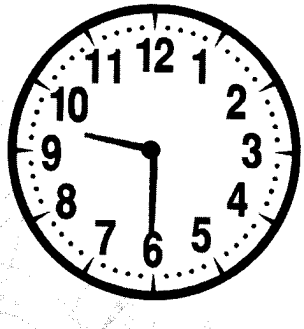
10 o'clock at night

2. Match.









Five o'clock

Ten o'clock

Half past nine

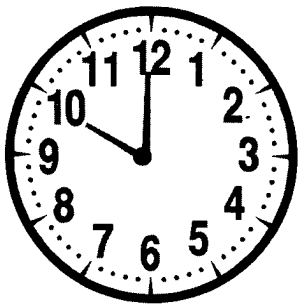
Four o'clock

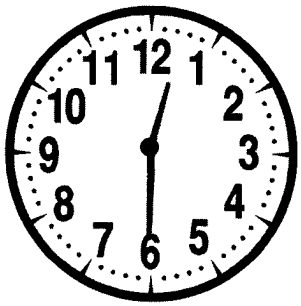
Half past eight

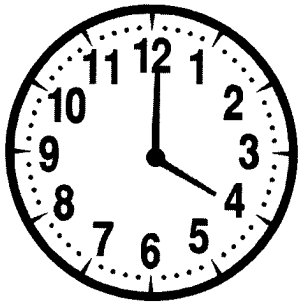
Half past one

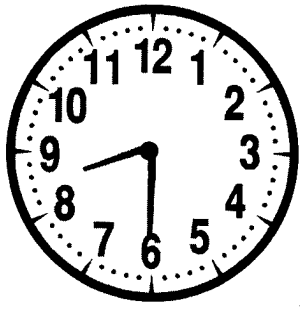
Half past twelve

Eleven o'clock



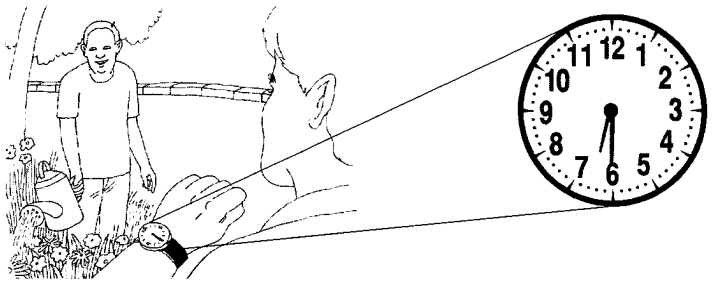






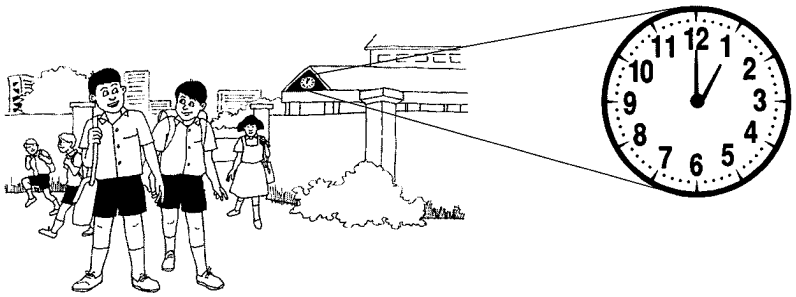
3. Look at the pictures. Then fill in the blanks.

(a)



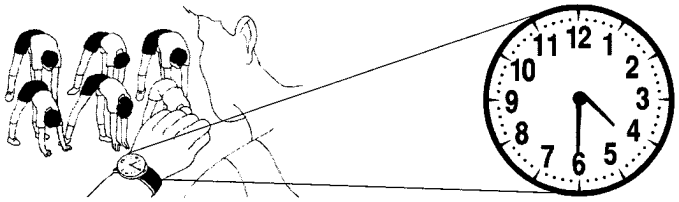
The gardener waters the plants at _____ in the evening.

(b)



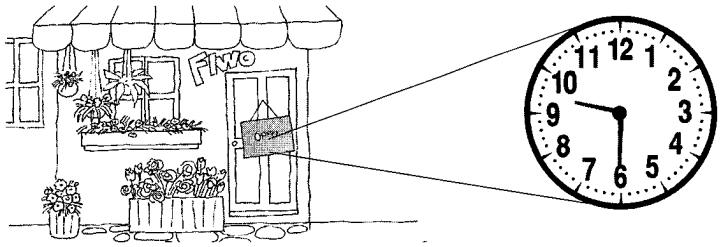
The children go home from school at _____ in the afternoon.

(c)



The boys have P.E. at _____ in the afternoon.

(d)



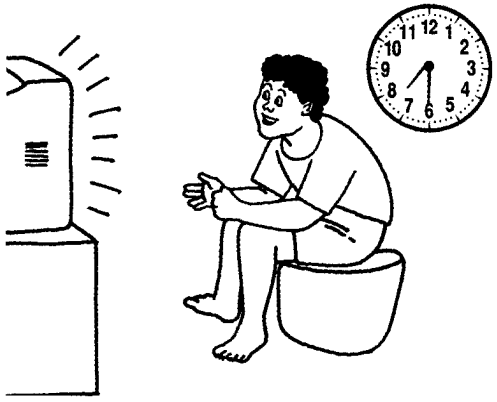
The flower shop opens at _____ in the morning.

Exercise two

4. Write the time shown on each clock.

Mary does her homework at

_____ .

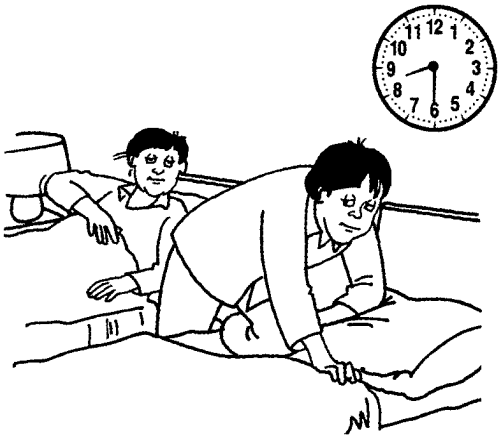


Ravi watches TV at

_____ .

Maria goes to work at

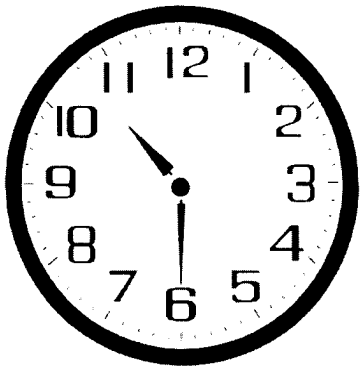
_____ .

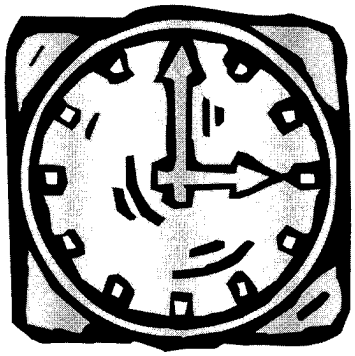


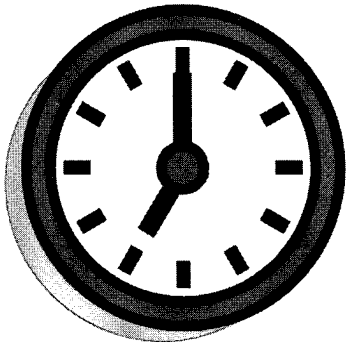
The children get ready to go to bed at

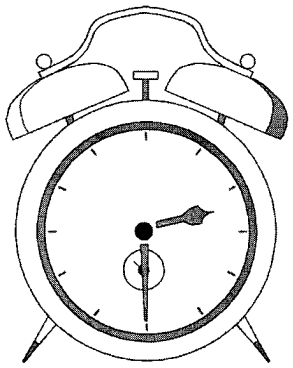
_____ .

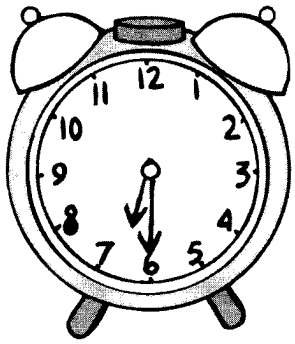
5. Write the time shown on each clock.

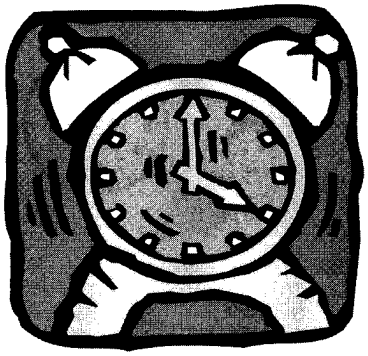




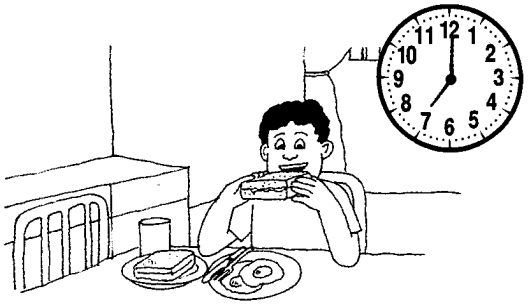






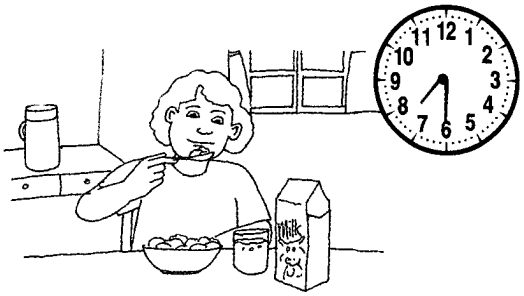


6. Write the time shown on each clock.



Siva has breakfast at

_____ .

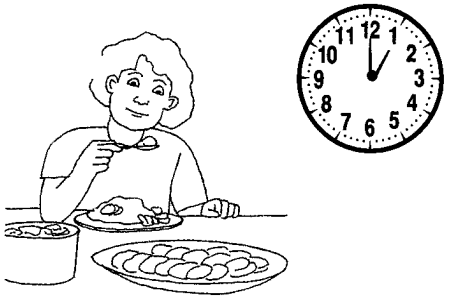


Jane has breakfast at

_____ .

Siva has lunch at

_____ .



Jane has lunch at

_____ .

Siva has dinner at

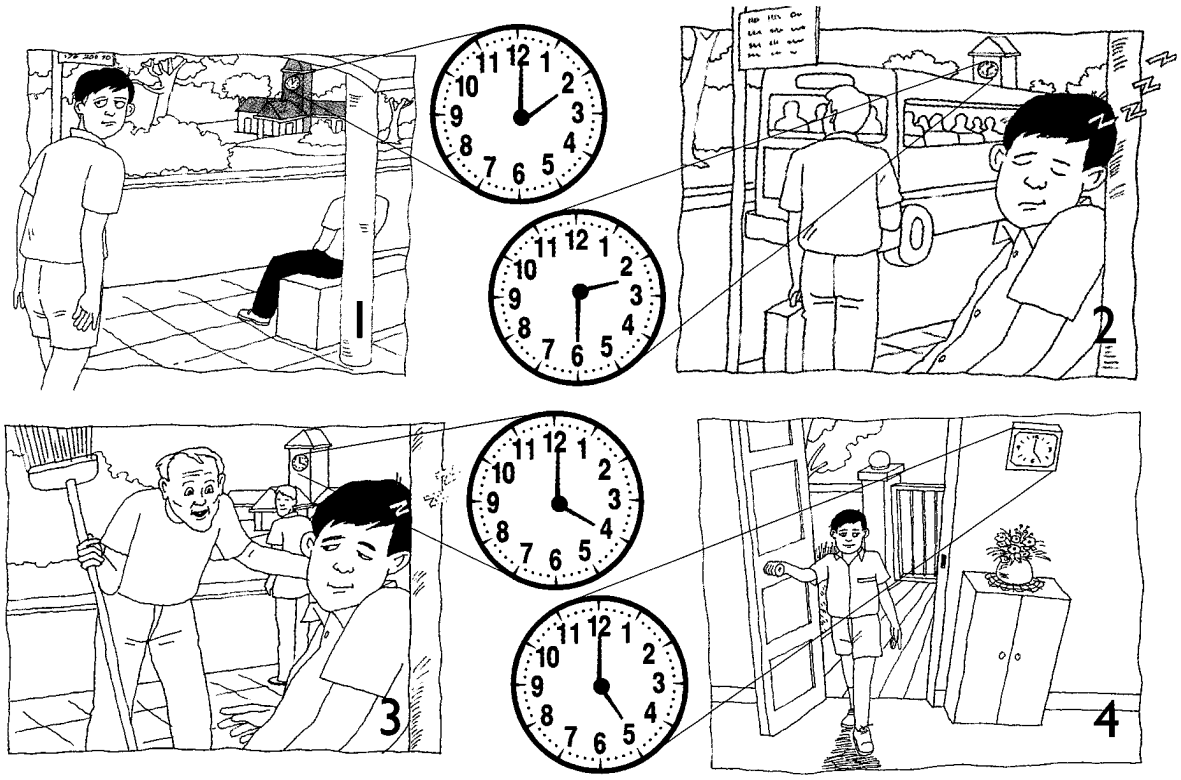
_____ .

Jane has dinner at

_____ .

Exercise three

7. Look at the pictures and answer the questions.



John walks to the bus-stop.

(a) At what time did John reach the bus stop?

_____

(b) When did the bus pass the bus stop?

_____

(c) What time was it when John woke up?

_____

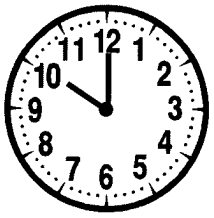
(d) When did John finally reach home?

_____

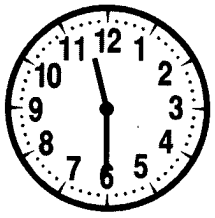
8. The Book Show and Mathematics and Science Fair are held in the day. Write the time shown on each clock face.

(a)

The Book Show programme

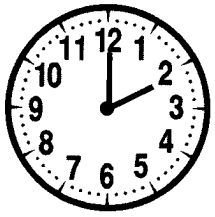
MEET-THE-WRITERS TIME 

_____



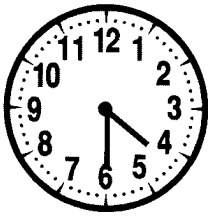
STORY-TELLING COMPETITION

_____



THE BOOK HUNT

_____

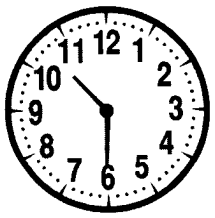
GUESS-THE--STORY QUIZ 

_____

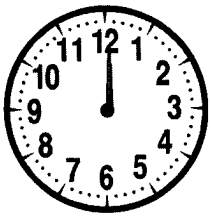
(b)

The Mathematics & Science Fair programme

EXPERIMENTING WITH SCIENCE

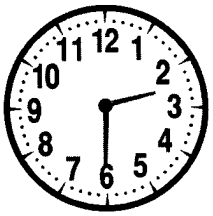


_____



MATHEMATICS AND SCIENCE EXHIBITION

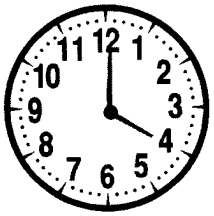
_____



MATHEMATICS MAGIC

_____

INVENTIONS CONTEST



_____

Activity

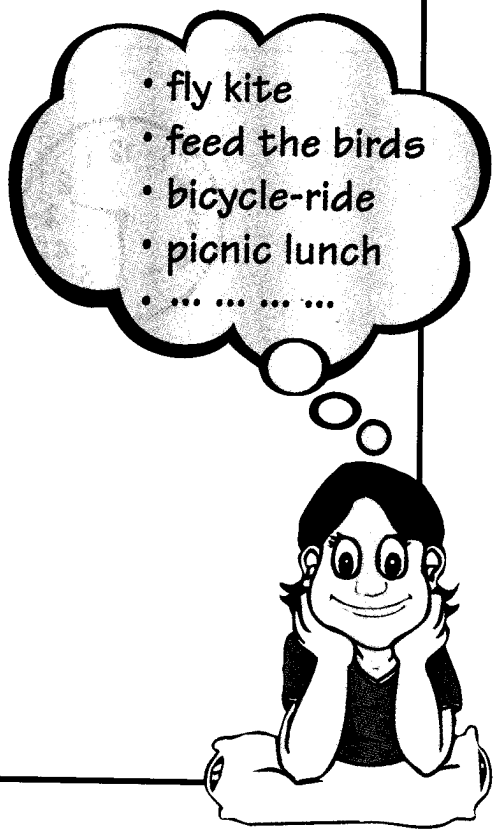
Plan how you would spend your time at the park on a Saturday.
Write the things you would do and the time when you would do these things.

FUN AT THE PARK

MY TIME CHART

SATURDAY

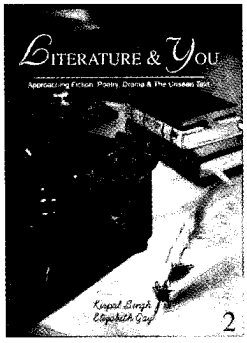
TIME	THINGS TO DO



Let's Revise!

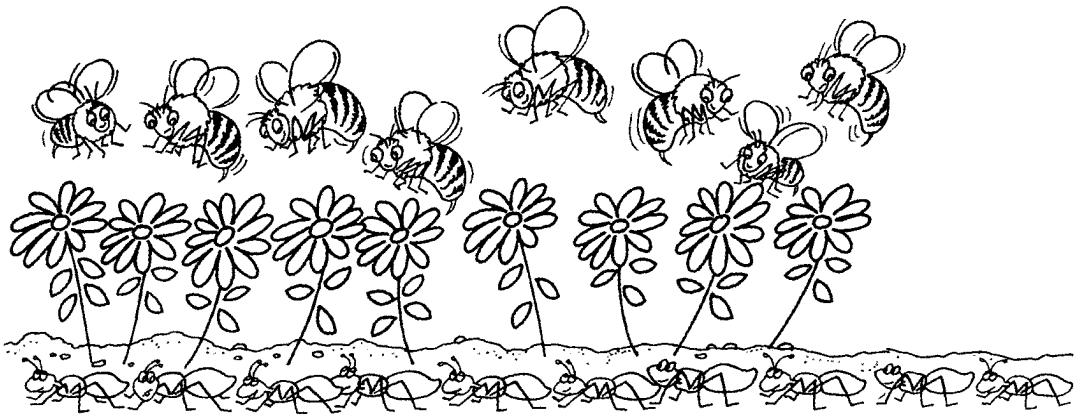
Exercise one

1. Write down the name of the shape of each object.



_____ _____ _____

2. Look at the picture.

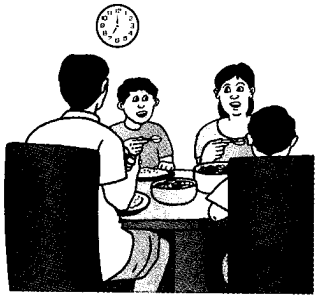


(a) Color the 4th flower from the right yellow.

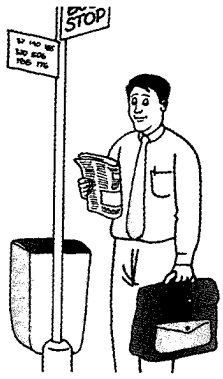
(b) Ring the 8th ant from the right.

(c) Draw a line to match the sixth bee from the left with the fourth flower from the right.

3. Match each picture with the correct time.



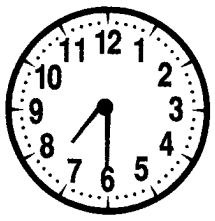
The Smith family has dinner.



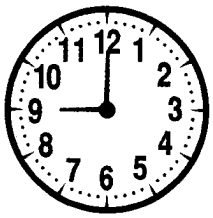
Mr. Smith goes to work.

Mrs. Smith cooks lunch.

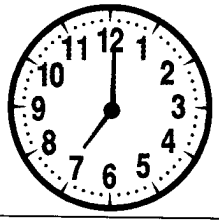
Jane reads a bed-time story.



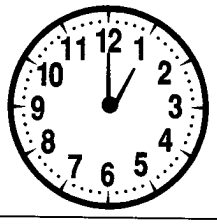
half past 7 in the morning



9 o'clock at night



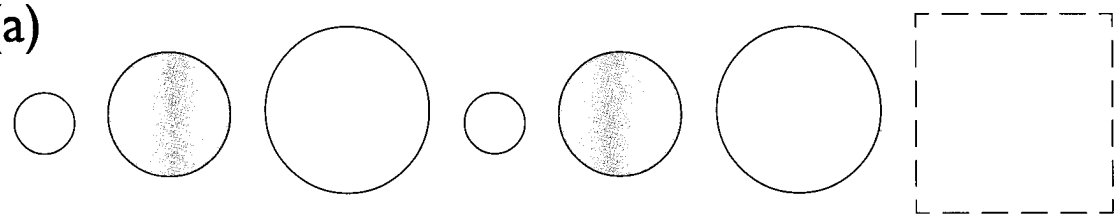
7 o'clock in the evening



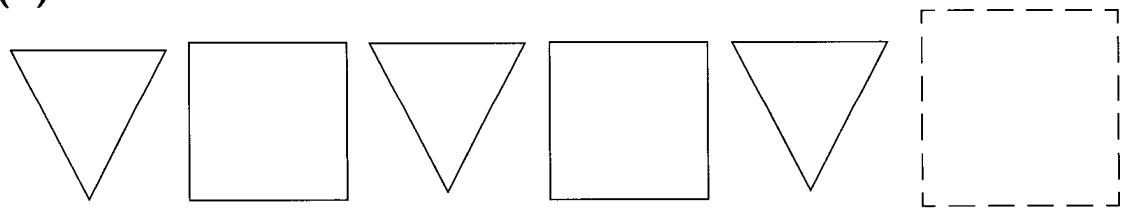
1 o'clock in the afternoon

4. Draw the next shape in these patterns.

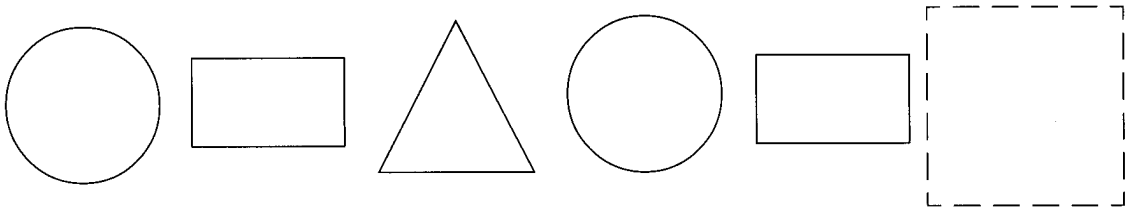
(a)



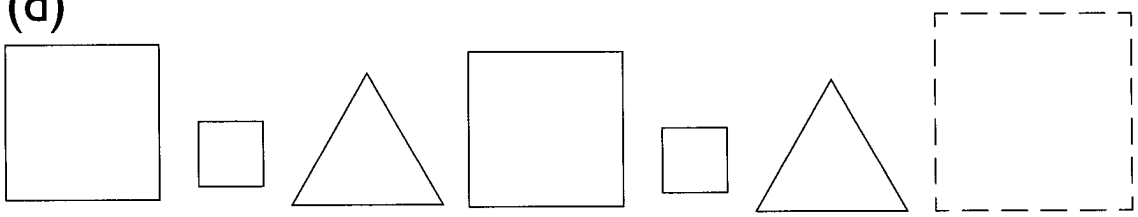
(b)



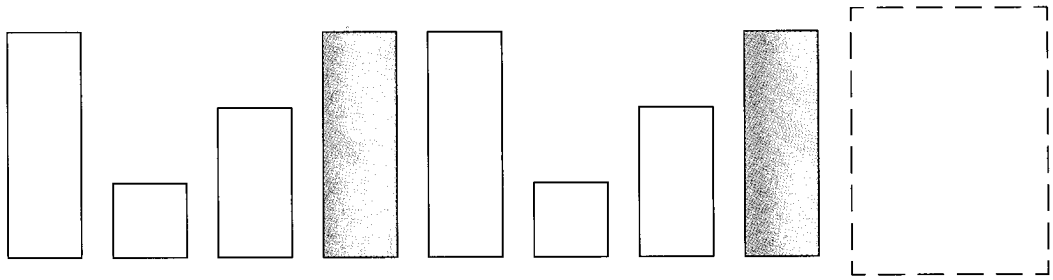
(c)



(d)

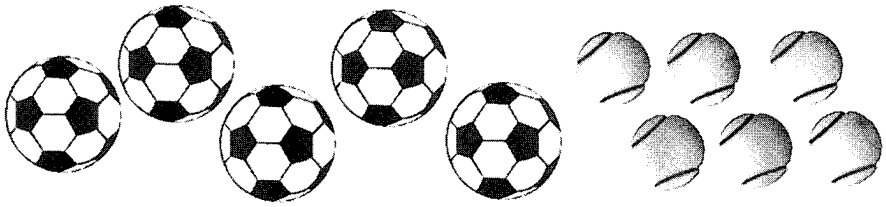


(e)



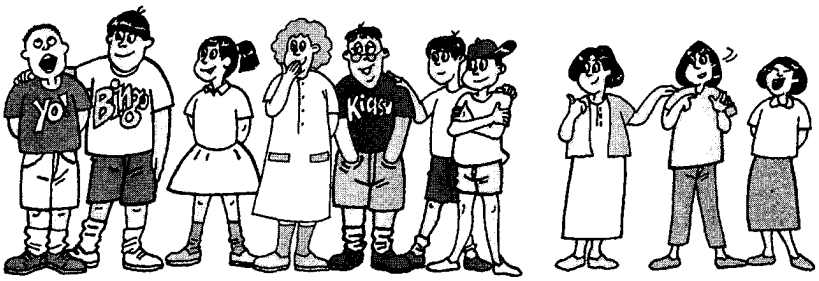
5. Complete the addition and subtraction sentences.

(a)



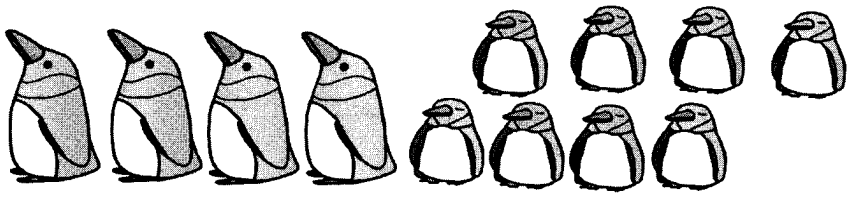
□ + □ = 11 □ − 6 = □

(b)



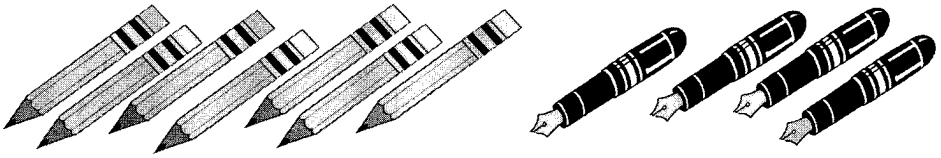
7 + □ = □ □ − 3 = □

(c)



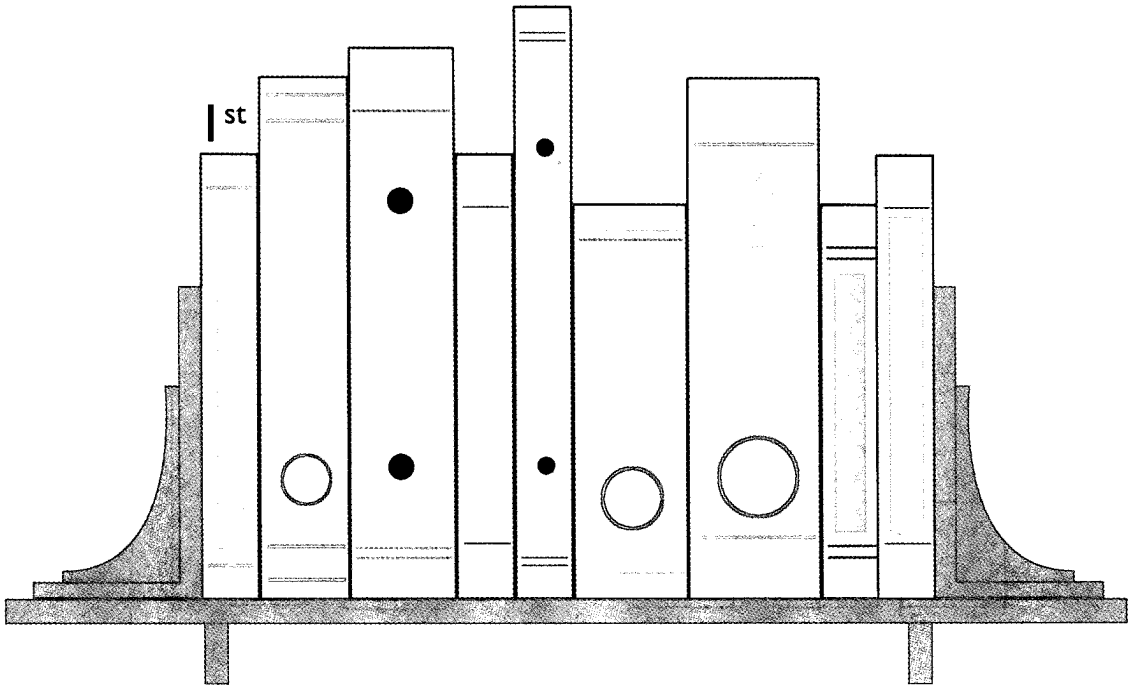
4 + □ = □ 12 − □ = □

(d)



7 + □ = □ 11 − □ = □

6. Look at the picture.



(a) Color the sixth file blue.

(b) Color the fifth file yellow.

(c) Color the second file red.

(d) Color the ninth file green.

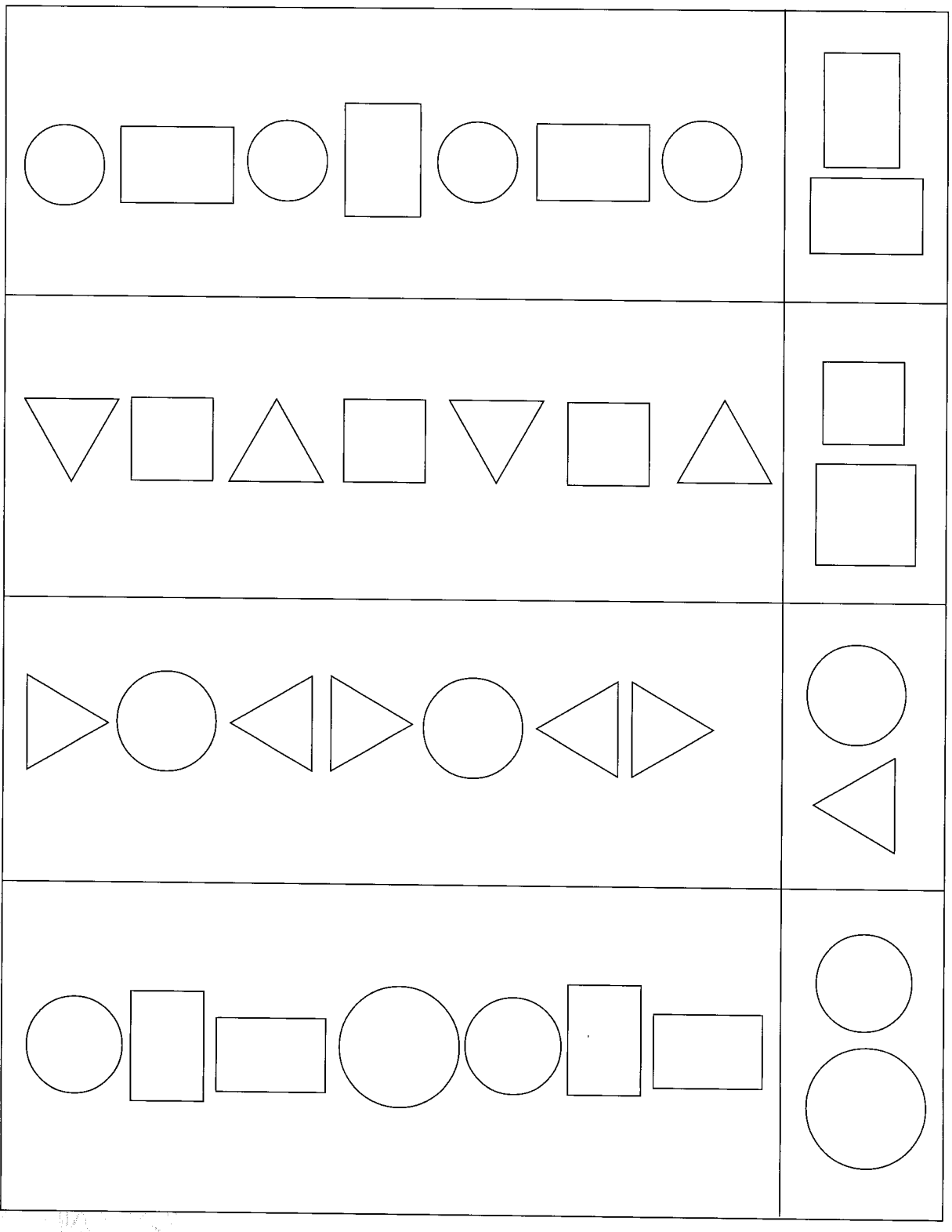
(e) How many files are there after the yellow file?

_____

(f) How many files are there altogether?

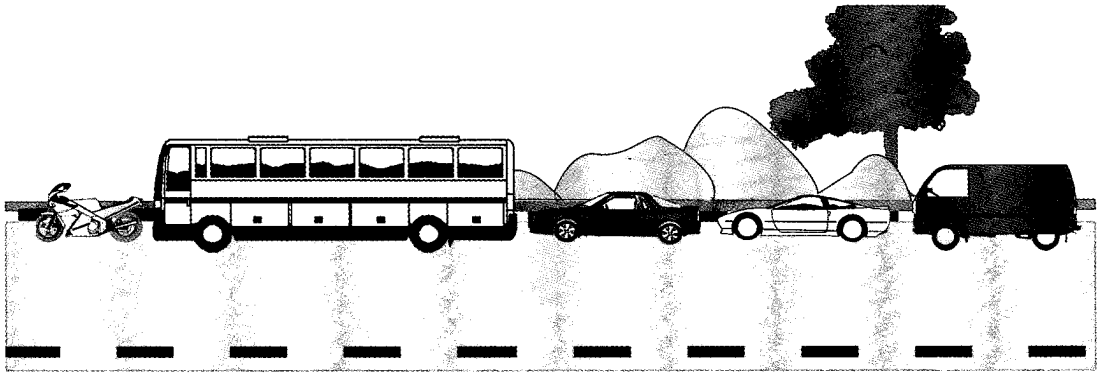
_____

7. Ring the next item in each pattern.



Exercise two

8. Look at these vehicles. Then fill in the blanks.



(a) The white car is fourth from the _____.

(b) The motorbike is _____ from the left.

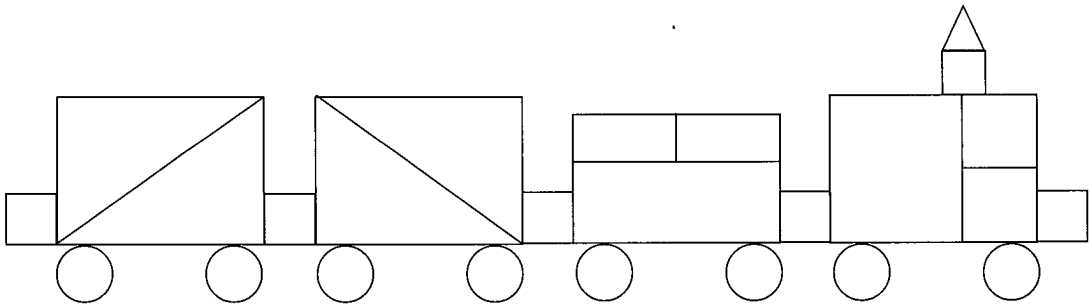
(c) The van is _____ from the right.

(d) The bus is _____ from the right.

(e) There are _____ vehicles in all.

9. Look at the picture. Then color:

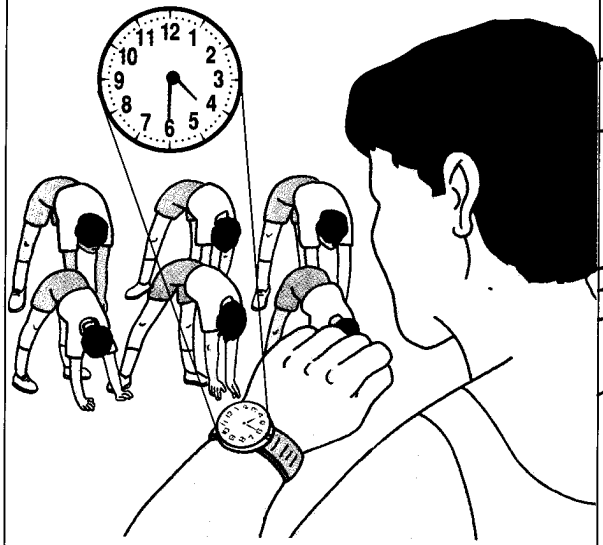
triangles - yellow squares - blue circles - red



10. Write the time shown on each clock.

Ravi plays the piano at _____ .

Sarah has recess at _____ .

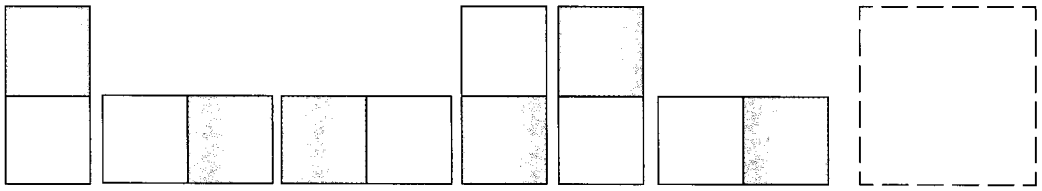


Mr. Jones teaches P.E. at _____ .

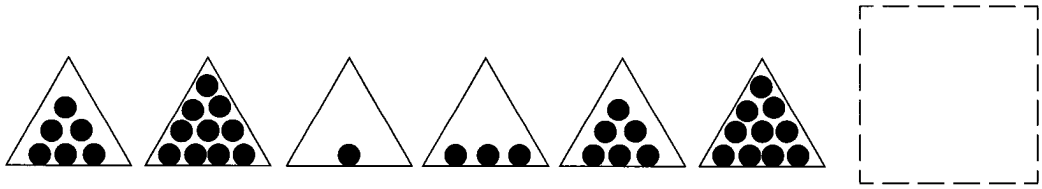
Jenny wakes up at _____ .

11. Draw the next items in these patterns.

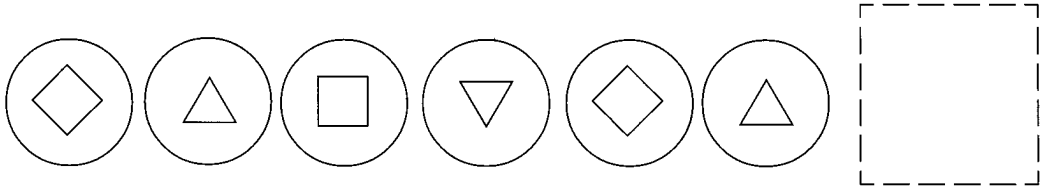
(a)



(b)

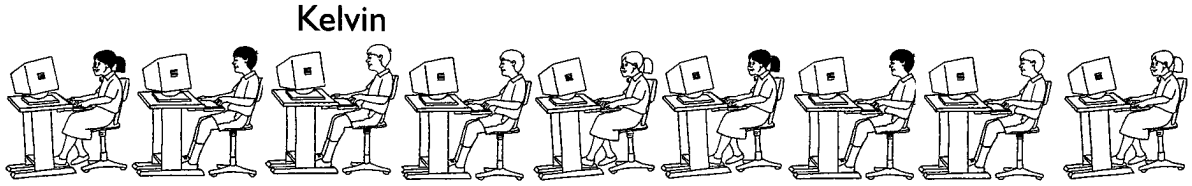


(c)



Exercise three

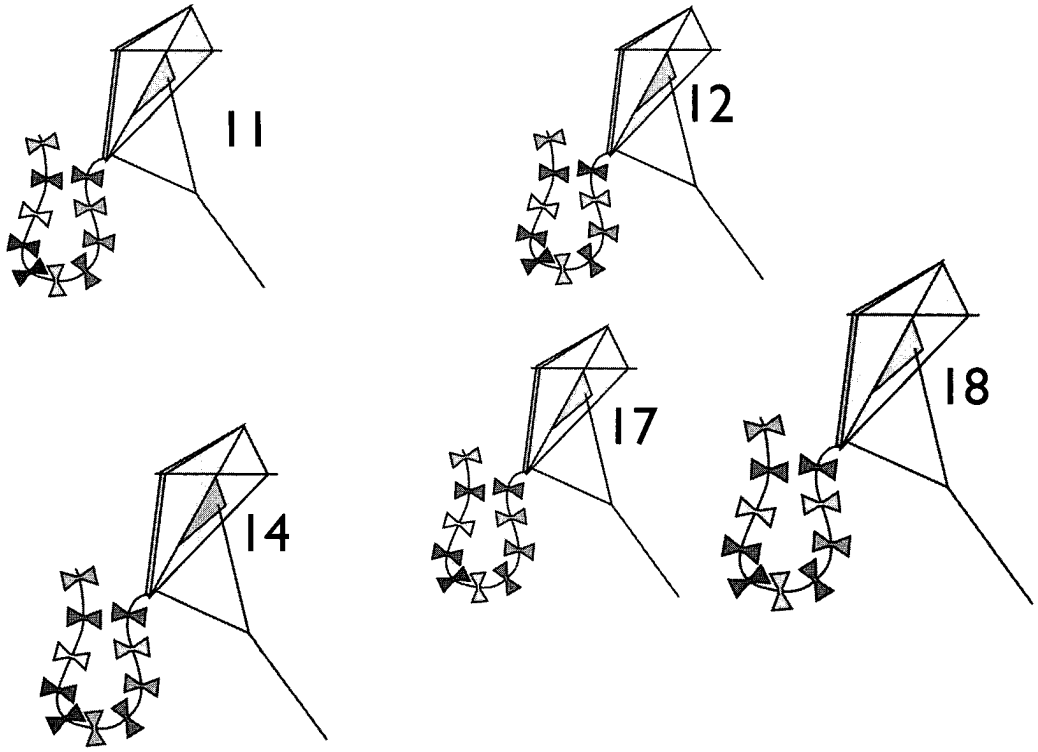
12. 9 children are sitting in front of the computers. Look at the picture, then fill in the blanks.

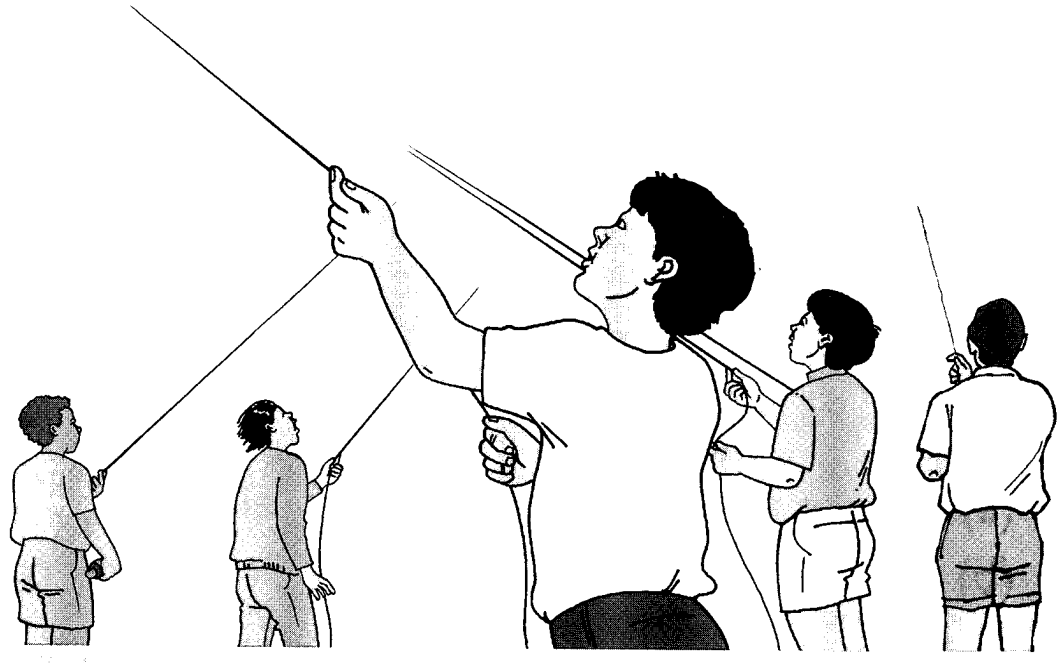


(a) There are _____ girls sitting behind Kelvin.

(b) There are _____ children sitting in front of Kelvin.

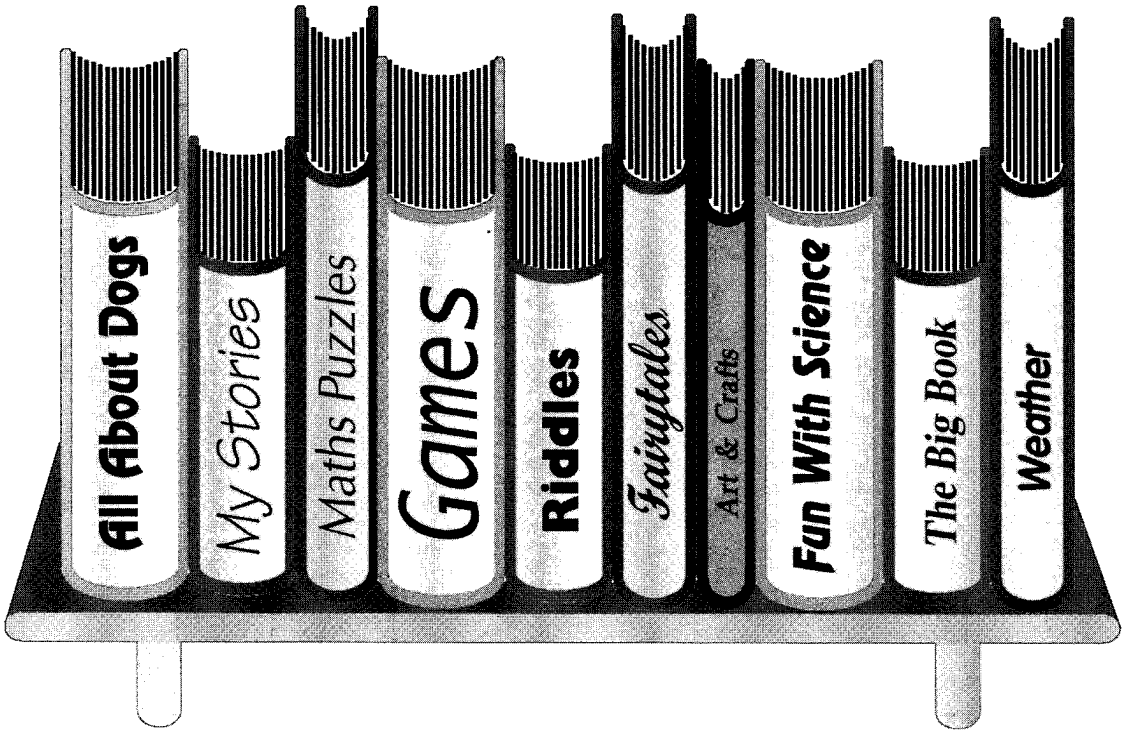
13. Match each boy to his kite.





20 – 3 13 + 5 17 – 6 7 + 7 19 – 7

14. Look at this picture.



(a) The first book from the right is _____.

(b) *Fun With Science* is the _____ book from the left.

(c) *All About Dogs* is the _____ book from the right.

(d) *My Stories* is the _____ book from the right.

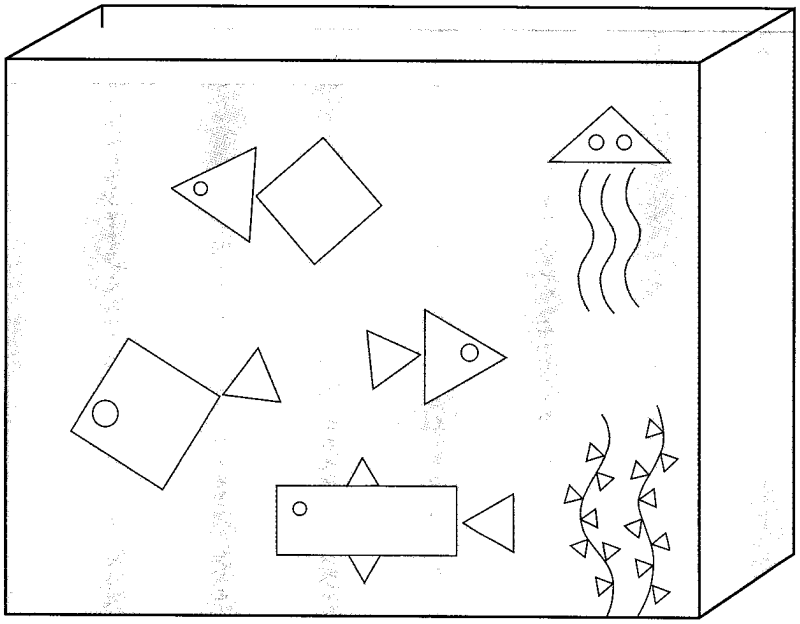
(e) There are _____ books on the left of *Riddles*.

(f) There are _____ books on the shelf altogether.

15. Color in this way:

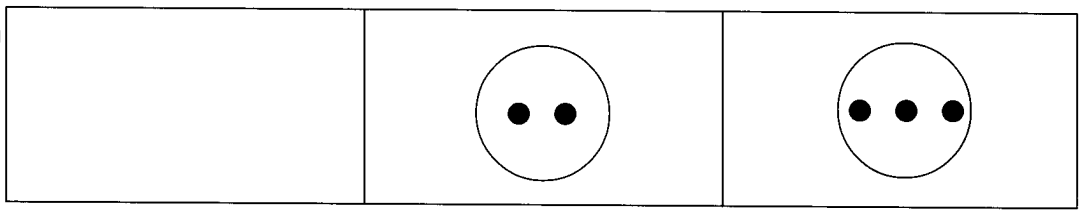
circles - black triangles - yellow

squares - blue rectangles - red

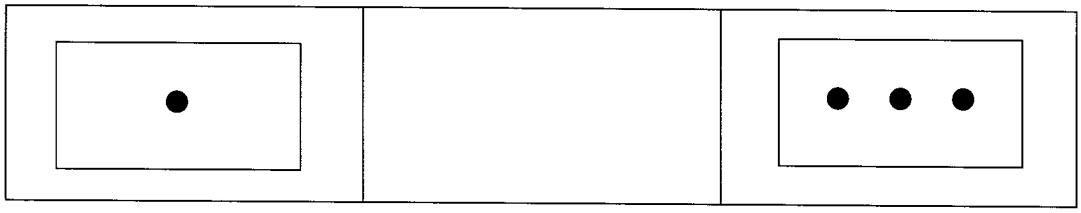
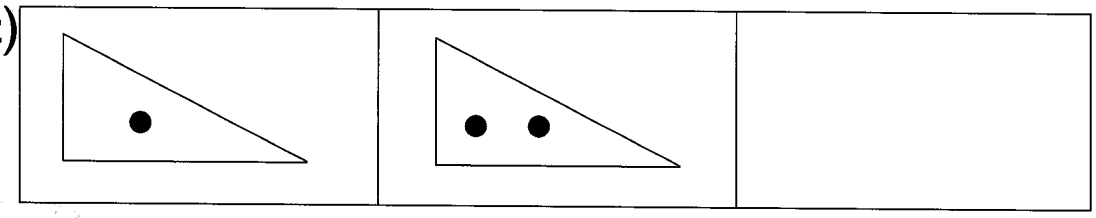


16. Complete these patterns.

(a)



(b)



(c)