



MINISTERIAL COUNCIL ON EDUCATION,
EMPLOYMENT, TRAINING AND YOUTH AFFAIRS

NATIONAL ASSESSMENT PROGRAM
LITERACY AND NUMERACY

NUMERACY

YEAR

3

2008

0:45

Time available for students to complete
test: 45 minutes

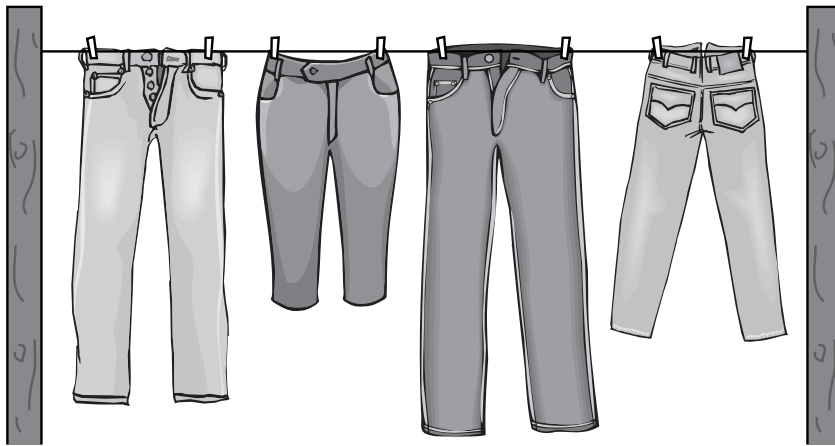
Use 2B or HB
pencil **only**



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YEAR 3 NUMERACY

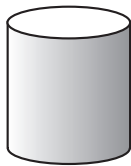
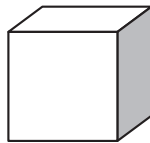
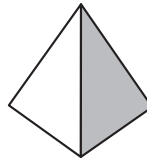
1 Which pair of jeans is the **longest**?


☐
☐
☐
☐

Shade one bubble.



2 Which object is a cone?


☐

☐

☐

☐

3

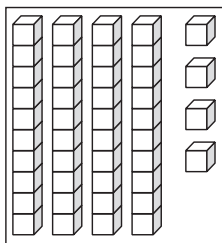
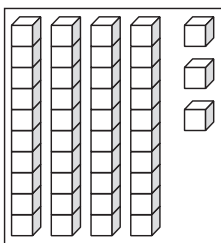
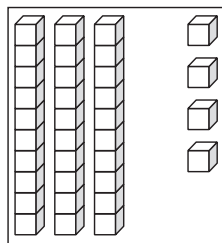
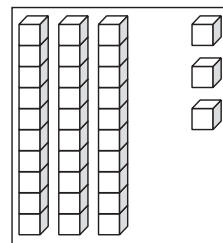


one



ten

Which group of blocks shows the number 43?


☐

☐

☐

☐

YEAR 3 NUMERACY

4



Shade one bubble.



What is the total value of these coins?

\$0.98

☐

\$2.95

☐

\$3.45

☐

\$3.95

☐

5

Adam put some stickers on this grid.

4			☀	
3	😊		♥	
2				
1			★	
	A	B	C	D

Which sticker is at C3?


☐

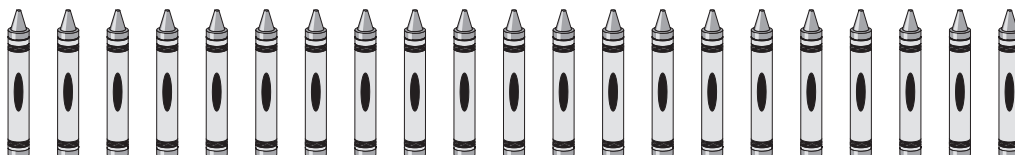
☐

☐

☐

6

A group of children share these 21 crayons.
Each child gets 3 crayons.



How many children are there in the group?

4

☐

5

☐

6

☐

7

☐

YEAR 3 NUMERACY

- 7 In this photo, Con is in the back row second from the right.

Shade one bubble.



What number is on Con's jumper?

2

☐

3

☐

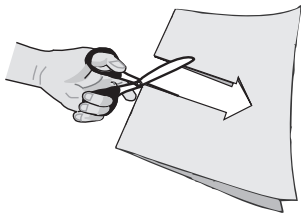
4

☐

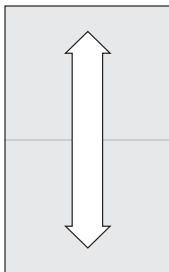
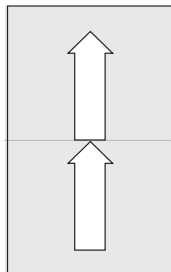
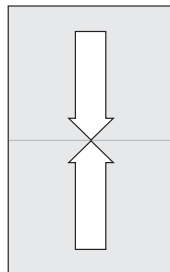
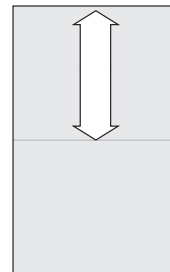
5

☐

- 8 Ben folds a piece of paper in half and cuts out an arrow.



What does the paper look like when he unfolds it?


☐

☐

☐

☐

YEAR 3 NUMERACY

- 9 Which pair of scissors has its blades opened to the **largest** angle?

Shade one bubble.


☐

☐

☐

☐

- 10 This table shows the number of books read by some students.

Name	Number of books
Rani	2
Alicia	10
David	2
Jim	3
Sam	7

Write your answer in the box.



How many books did Rani and Sam read altogether?

books

- 11



Complete this number sentence to show the total number of wheels in the picture.

Write your answer in the boxes.



$\times 3 =$

wheels

YEAR 3 NUMERACY

- 12** This table shows Manu's exercise program for three days.

Write your answer
in the box.

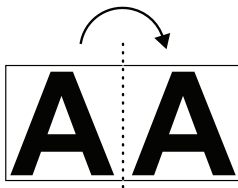


Manu's program			
	Monday	Tuesday	Wednesday
Sit-ups	10	15	20
Push-ups	6	9	12
Jumps	15	20	25

How many **sit-ups** does Manu do on Wednesday?

sit-ups

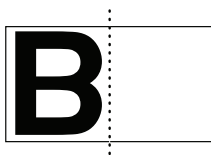
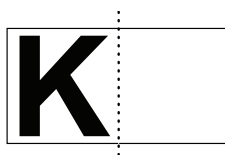
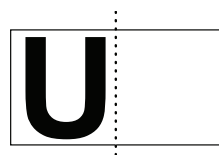
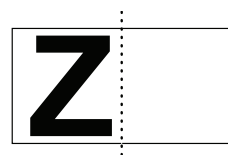
- 13** The letter **A** looks the same when it is **flipped** over the dotted line.



Shade one
bubble.



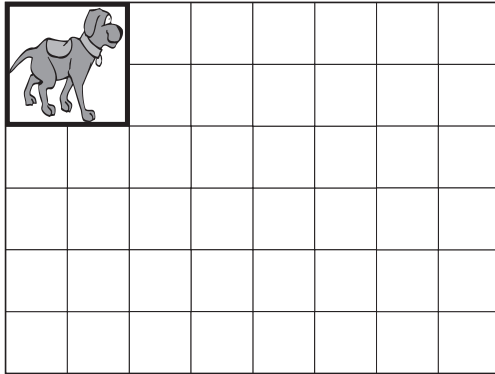
Which one of these letters will look the same when it is flipped over the dotted line?

☐☐☐☐

YEAR 3 NUMERACY

- 14** Gina has put a sticker on this grid. She wants to cover the whole grid with stickers of this size without any overlaps or gaps.

Write your answer in the box.



How many **more** stickers does she need?

stickers

- 15** Jim is 91 years old. Sam is 8 years old. What is the difference in their ages?

Shade one bubble.



11 years

☐

83 years

☐

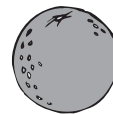
97 years

☐

99 years

☐

- 16** Cassie cut all these oranges into **quarters**.



How many quarters does she have altogether?

4

☐

5

☐

10

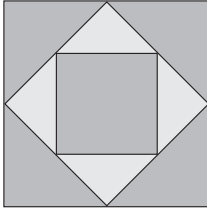
☐

20

☐

YEAR 3 NUMERACY

17



Shade one bubble.



How many triangles in total are in this picture?

2

☐

4

☐

8

☐

16

☐

18

This table shows the number of goals Kim scored in five games of netball.

Game	Number of goals scored
1	10
2	5
3	2
4	8
5	12

In which game did Kim score **3 more** goals than she scored in Game 2?

Game 1

☐

Game 3

☐

Game 4

☐

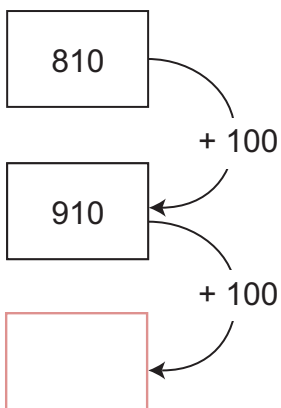
Game 5

☐

19

What is the next number in this pattern?

Write your answer in the box.

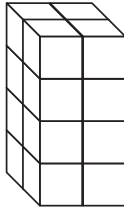
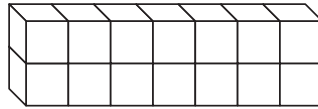
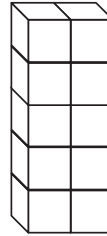
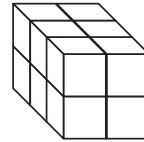


YEAR 3 NUMERACY

- 20** Which object is made from the most cubes?



Shade one bubble.

☐☐☐☐

- 21** Which number is closest to 70?

64

☐

69

☐

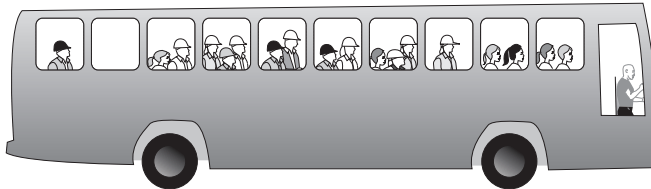
77

☐

79

☐

- 22** A bus took some students to camp.
It left the school at 10:00 am.



The bus trip took one and a quarter hours.

What time did the bus get to the camp?

10:30 am

☐

10:45 am

☐

11:15 am

☐

11:30 am

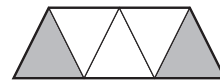
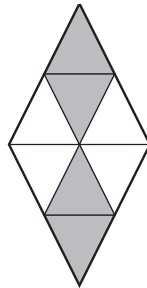
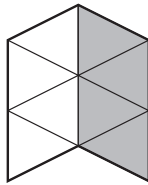
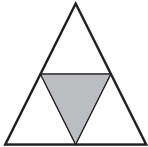
☐

YEAR 3 NUMERACY

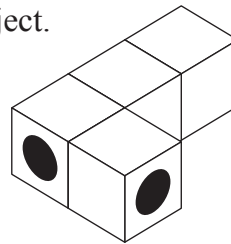
- 23** These four shapes are made from triangles that are all the same size.

Which shape has one-quarter of the triangles shaded?

Shade one bubble.

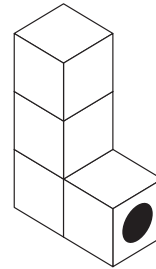
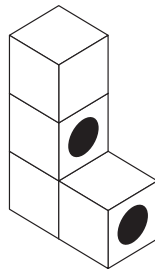
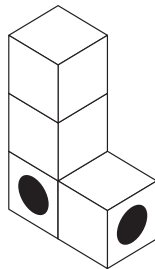
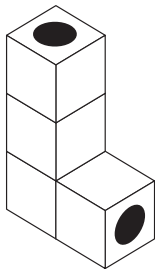


- 24** Anna glued four cubes together to make this object. She coloured two circles on her object.



Anna then moved her object.

Which one of these is Anna's object?



YEAR 3 NUMERACY

- 25** Sue has \$2.25. She needs 35 cents **more** to buy this drink.



Write your answer
in the box.



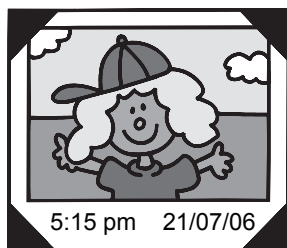
How much does the drink cost?

\$

- 26** Add 17 to find the next number in this pattern.

41, 58, 75,

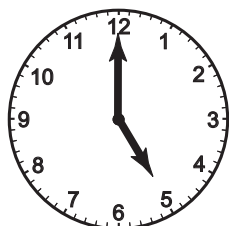
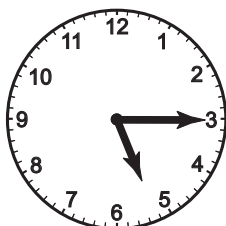
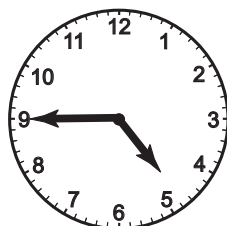
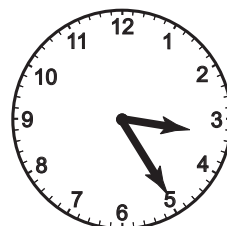
- 27** This photo was taken at 5:15 pm.



Shade one
bubble.



Which clock shows when the photo was taken?

☐☐☐☐

YEAR 3 NUMERACY

- 28 A bag of 3 apples costs \$2.00.



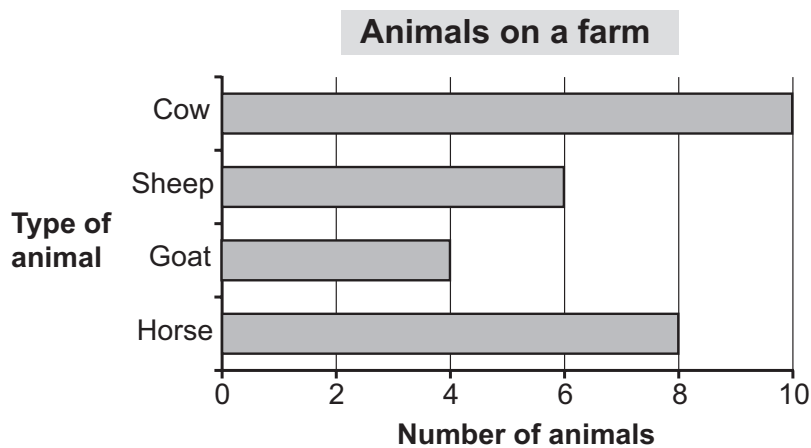
Shade one bubble.



What is the largest number of **apples** that can be bought for \$10.00?

- 5 6 15 20
- ☐ ☐ ☐ ☐

- 29 This graph shows the number of animals on a farm.



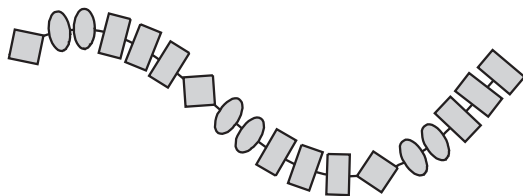
Which statement is true?

- ☐ There are more goats than cows.
- ☐ There are more horses than cows.
- ☐ There are fewer sheep than goats.
- ☐ There are fewer sheep than horses.

YEAR 3 NUMERACY

30 Look at this pattern.

Shade one bubble.



How many are needed for each ?

1

2

3

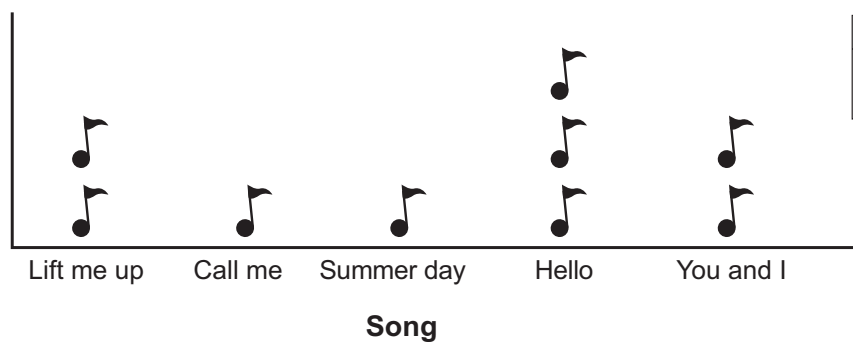
4

C

31 This graph shows the favourite songs chosen by students at a school.

Write your answer in the box.

Favourite song



KEY

♫ = 2 students

How many students chose the song ‘You and I’?

students

YEAR 3 NUMERACY

- 32** Tom bought 1 loaf of bread and 1 carton of milk.
This picture shows how much each item cost.

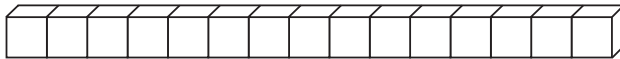
Write your answer
in the box.



What is the correct change from \$10.00?

\$

- 33** Mario has this row of 15 cubes.



Write your answer
in the boxes.



He divides the row into two sections.

One section is 3 cubes longer than the other section.

How many cubes are in each section?

cubes

and

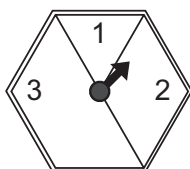
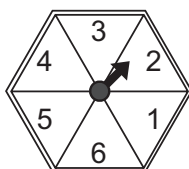
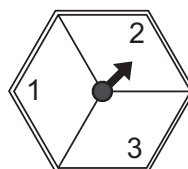
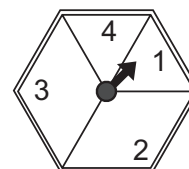
cubes

YEAR 3 NUMERACY

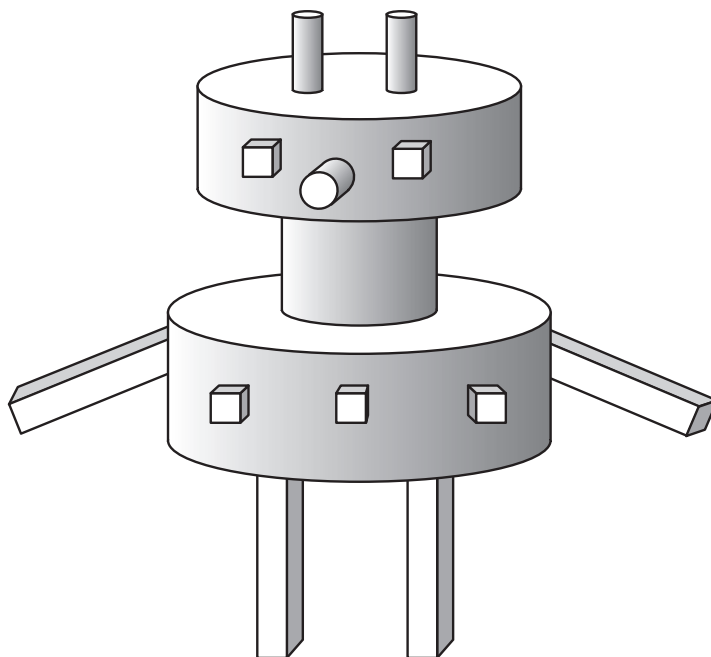
- 34** Tara spins these arrows.

Which arrow has the **best** chance of landing in a section with the number 3?

Shade one bubble.


☐

☐

☐

☐

- 35** Sally made this model of a robot.
You can see the 15 different pieces she used to make it.



How many cylinders did Sally use?

3

☐

4

☐

5

☐

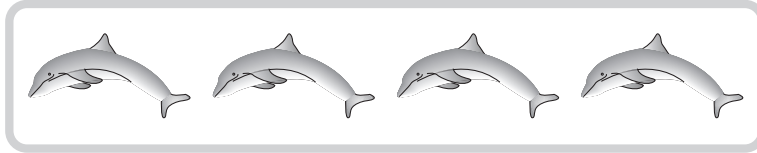
6

☐

END OF TEST

YEAR 3 NUMERACY PRACTICE QUESTIONS

P1 How many dolphins are shown on this card?



Shade one bubble.



3

☐

4

☐

5

☐

6

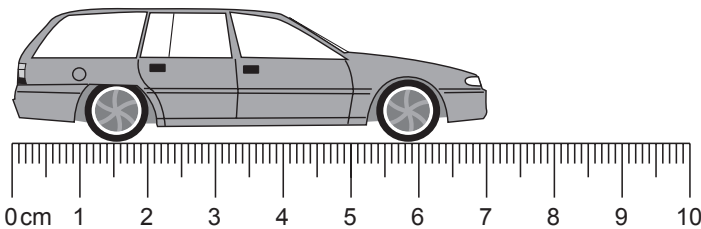
☐

P2 $6 + 4 =$

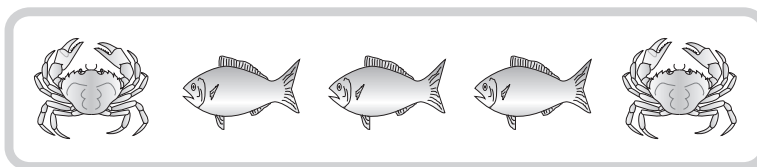
Write your answer in the box.



P3 What is the length of this toy car to the nearest centimetre (cm)?

 cm

P4



Write your answer in the boxes.



How many fish and crabs are shown on this card?

fish

and

crabs