**NATIONAL ASSESSMENT PROGRAM
LITERACY AND NUMERACY**

NUMERACY

**YEAR
3**

2008

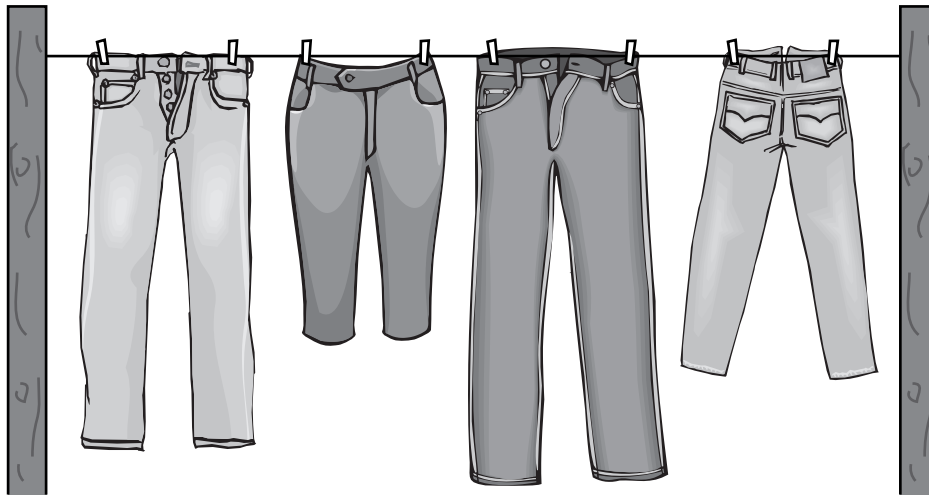0:45 Time available for students to complete test: 45 minutes

Use 2B or HB pencil **only**
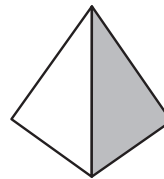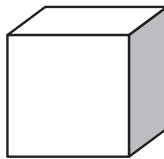
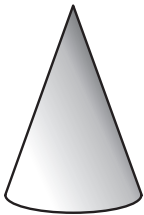**1** Which pair of jeans is the **longest**?

    ◯   ◯   ◯   ◯
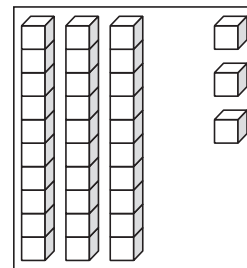
2 Which object is a cone?

    ◯   ◯   ◯   ◯
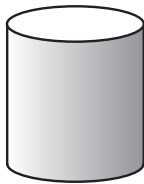
3
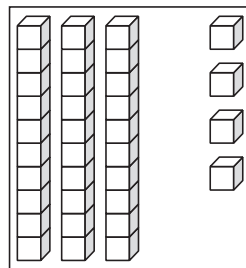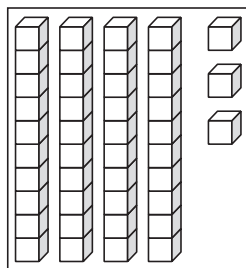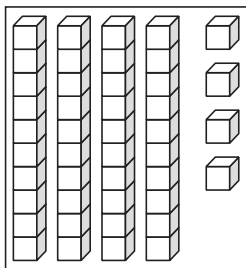
one   ten

Which group of blocks shows the number 43?

    ◯   ◯   ◯   ◯

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.

Which sticker is at C3?
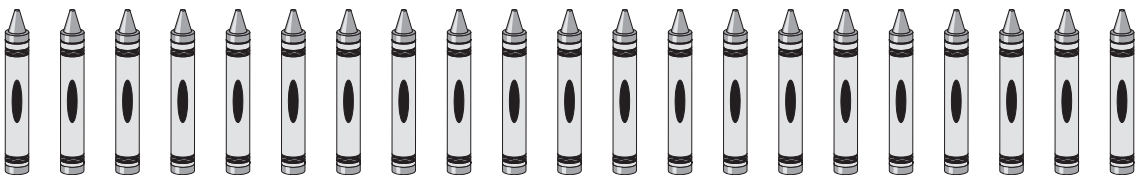
♡	☺	☆	✴
○	○	○	○

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
○	○	○	○

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

What number is on Con's jumper?

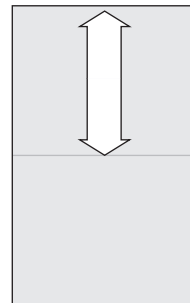| 2	3	4	5
○	○	○	○

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8 Ben folds a piece of paper in half and cuts out an arrow.
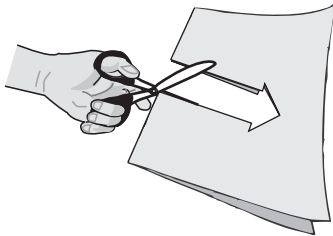
What does the paper look like when he unfolds it?

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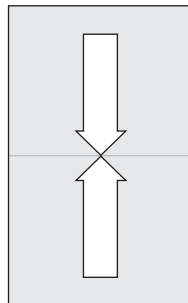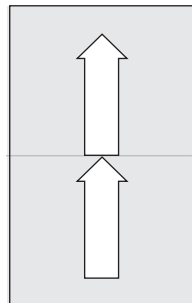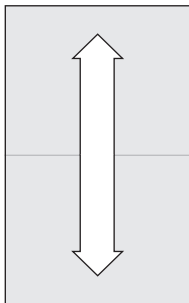
9 Which pair of scissors has its blades opened to the **largest** angle?

Shade one bubble.

◯　　　◯　　　◯　　　◯

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

Write your answer in the box.

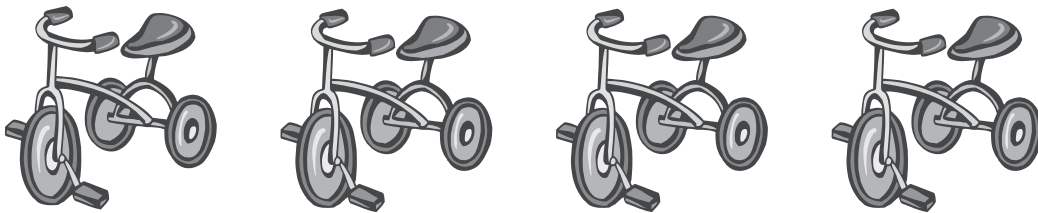| Name	Number of books
Rani	2
Alicia	10
David	2
Jim	3
Sam	7

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.

☐ × 3 = ☐ wheels

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

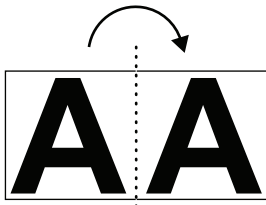| Manu's program			
	Monday	**Tuesday**	**Wednesday**
Sit-ups	10	15	20
Push-ups	6	9	12
Jumps	15	20	25

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

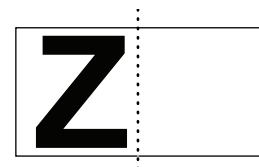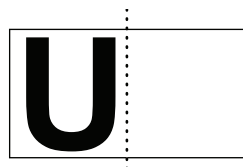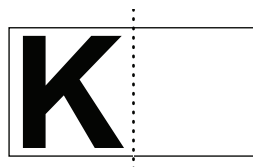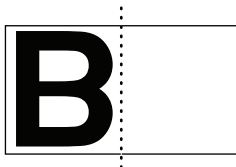**13** The letter **A** looks the same when it is **flipped** over the dotted line.
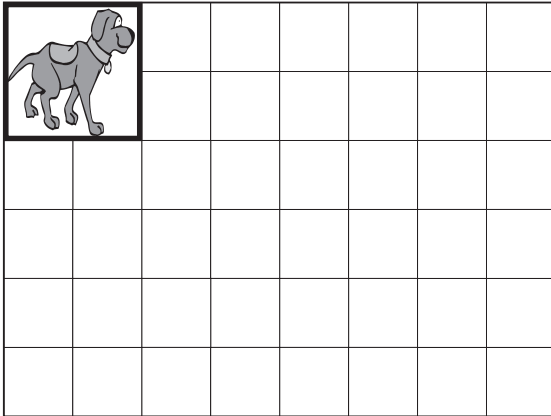
Which one of these letters will look the same when it is flipped over the dotted line?

B   K   U   Z
○   ○   ○   ○

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.

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

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15 Jim is 91 years old. Sam is 8 years old.

What is the difference in their ages?
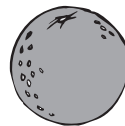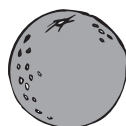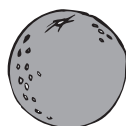
11 years	83 years	97 years	99 years
⬭	⬭	⬭	⬭

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

How many quarters does she have altogether?

4	5	10	20
⬭	⬭	⬭	⬭

17
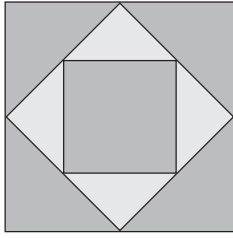
How many triangles in total are in this picture?

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?

810

+ 100

910

+ 100

☐
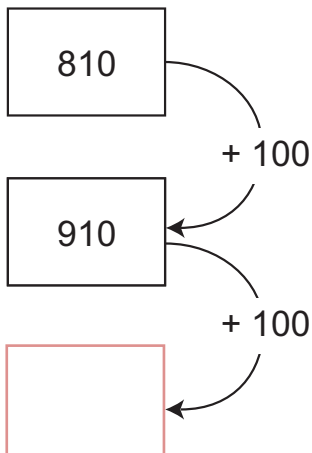
20 Which object is made from the most cubes?

○   ○   ○   ○

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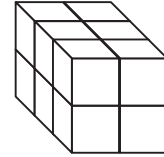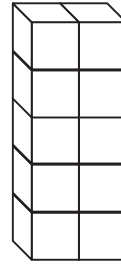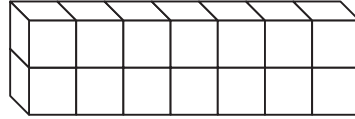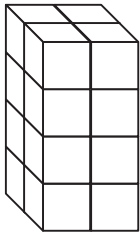
21 Which number is closest to 70?

64   **69**   **77**   **79**

○   ○   ○   ○

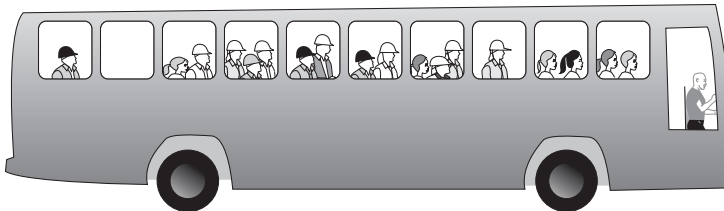**22** A bus took some students to camp.
It left the school at 10:00 am.

The bus trip took one and a quarter hours.

What time did the bus get to the camp?

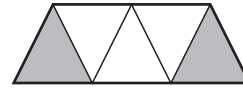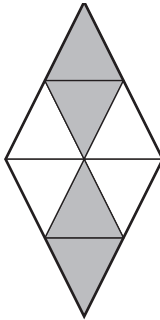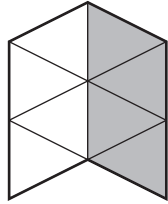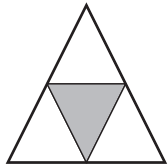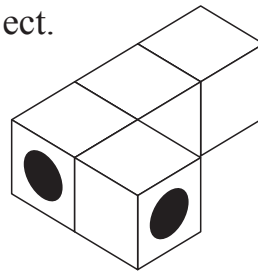10:30 am   10:45 am   11:15 am   11:30 am

○   ○   ○   ○

23 These four shapes are made from triangles that are all the same size.
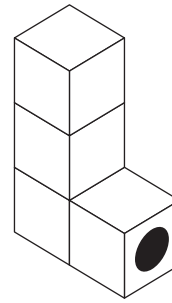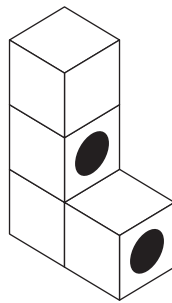
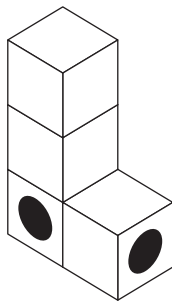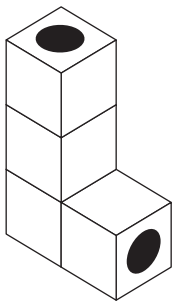Which shape has one-quarter of the triangles shaded?

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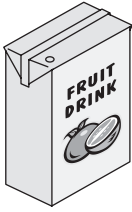
Anna then moved her object.

Which one of these is Anna's object?

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

FRUIT DRINK

How much does the drink cost? $ _____

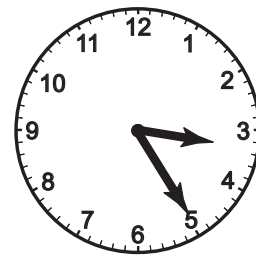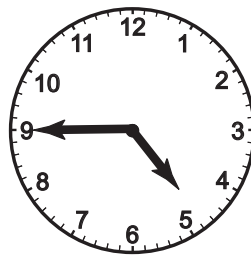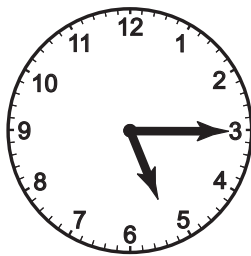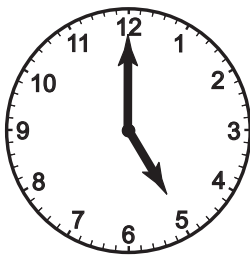**26** Add 17 to find the next number in this pattern.

41, 58, 75, _____

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27 This photo was taken at 5:15 pm.

5:15 pm   21/07/06

Which clock shows when the photo was taken?

⬭   ⬭   ⬭   ⬭

28 A bag of 3 apples costs $2.00.

**Apples
3 for $2.00**

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.

Animals on a farm
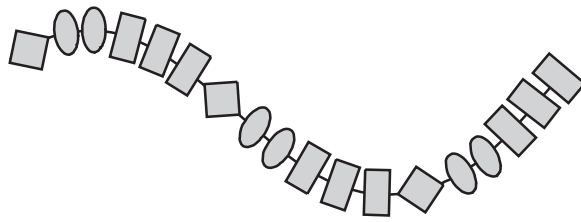

Type of animal

Number of animals
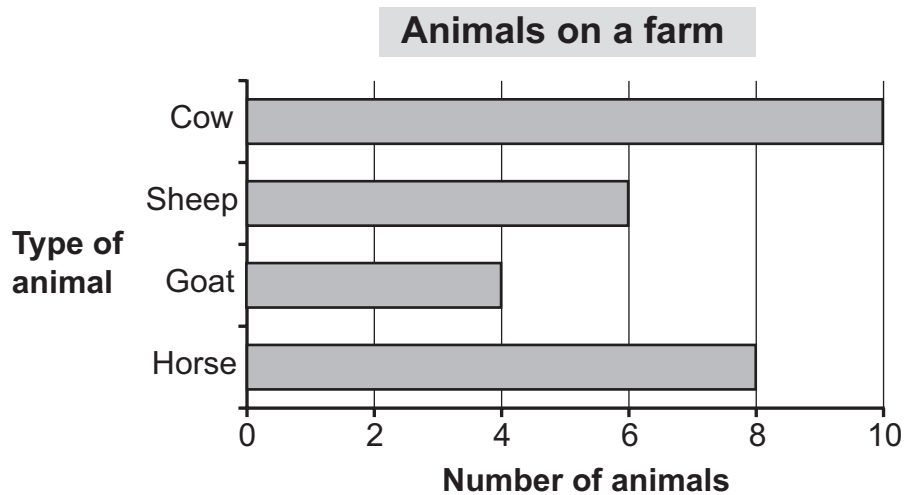
Which statement is true?

⬭ There are more goats than cows.

⬭ There are more horses than cows.

⬭ There are fewer sheep than goats.

⬭ There are fewer sheep than horses.

30 Look at this pattern.

How many ⬭ are needed for each ◇ ?

1	2	3	4
⬭	⬭	⬭	⬭

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

Favourite song

KEY
♪ = 2 students

Lift me up   Call me   Summer day   Hello   You and I
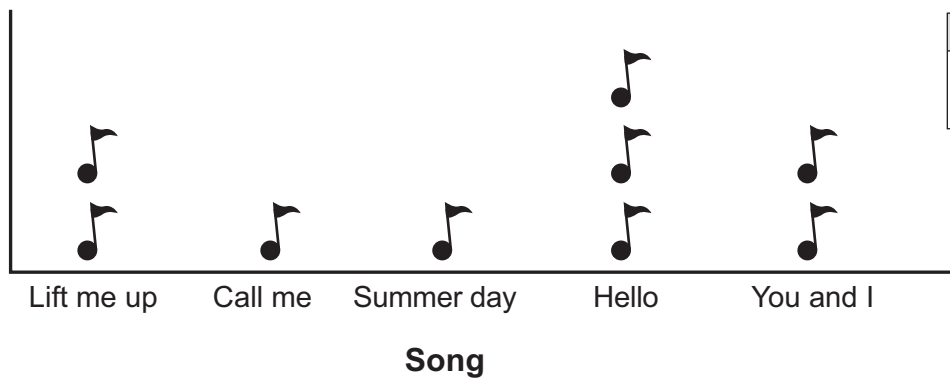
Song

How many students chose the song 'You and I'? [   ] students

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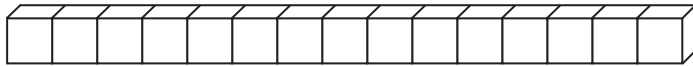This picture shows how much each item cost.

BREAD
SANDWICH

$2.80

MILK

1 Litre $2.05

What is the correct change from $10.00? $ [   ]

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33 Mario has this row of 15 cubes.

He divides the row into two sections.

One section is 3 cubes longer than the other section.

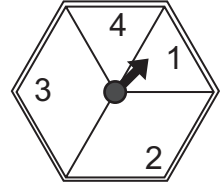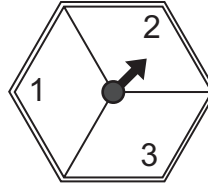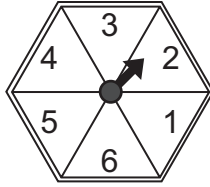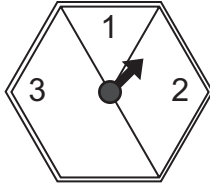How many cubes are in each section?

[   ] cubes   and   [   ] cubes

34 Tara spins these arrows.

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

⬡ 1 2 3 ⬡ 3 2 1 6 5 4 ⬡ 2 1 3 ⬡ 4 1 2 3

35 Sally made this model of a robot.
You can see the 15 different pieces she used to make it.
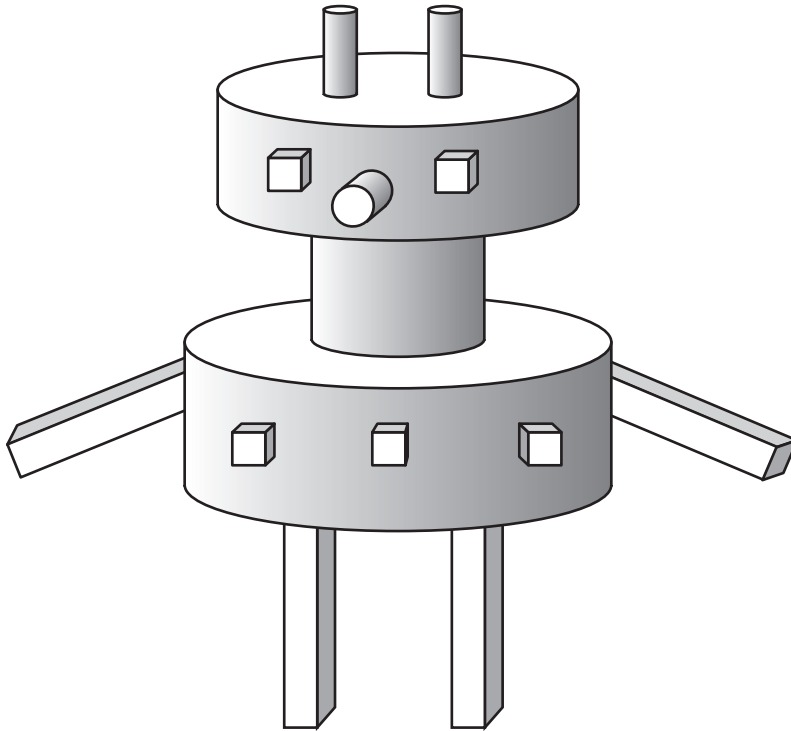
How many cylinders did Sally use?

3   4   5   6
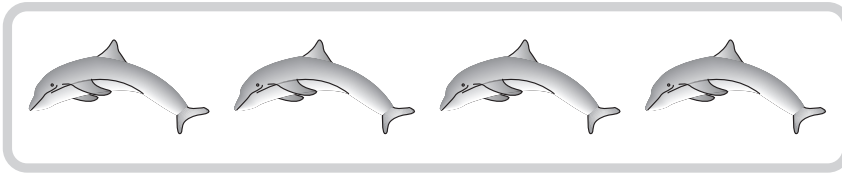
END OF TEST

YEAR 3 NUMERACY PRACTICE QUESTIONS

P1 How many dolphins are shown on this card?
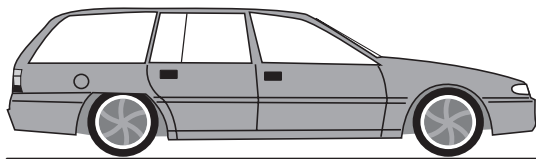
3	4	5	6
⬭	⬭	⬭	⬭

P2 **6 + 4 =** ☐

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

0 cm 1 2 3 4 5 6 7 8 9 10

☐ cm

P4
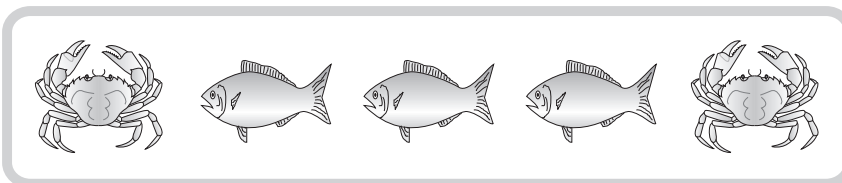
How many fish and crabs are shown on this card?

☐ fish   and   ☐ crabs