

NUMERACY

YEAR

3

2015

45 min

Time available for students to
complete test: 45 minutes

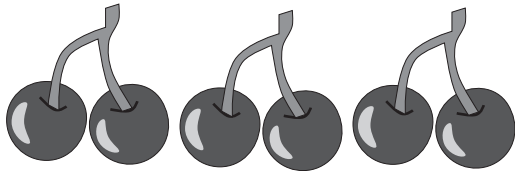
Use 2B or HB
pencil **only**



YEAR 3 NUMERACY

1

Here are some cherries.



Which of these shows one way to work out the total number of cherries?

$2 + 2 + 2$

☐

$2 + 3$

☐

$3 + 3 + 3$

☐

2

Maya is counting down by 2, starting from 15.

She writes:

15, 13, 11, 9, ...

What number should she write next?

7

☐

8

☐

11

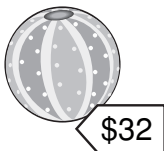
☐

15

☐

3

Which toy is the cheapest?

☐☐☐☐

YEAR 3 NUMERACY

4

Three teams played a game.

The tally shows the number of points scored by each team.

Team A	
Team B	
Team C	

Team A had 8 points.

What was the total number of points scored by all three teams?

9

☐

16

☐

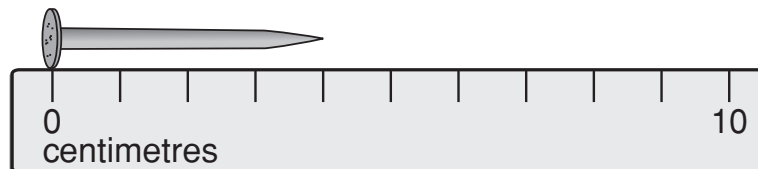
21

☐

24

☐

5



About how long is the nail?

3 cm

☐

4 cm

☐

5 cm

☐

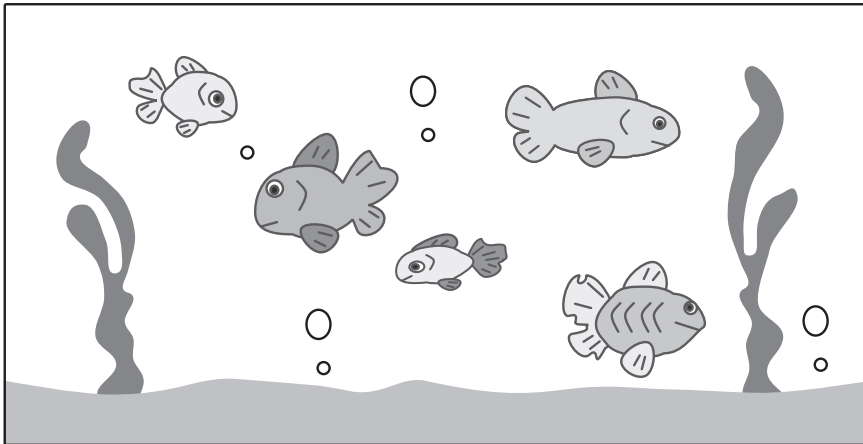
6 cm

☐

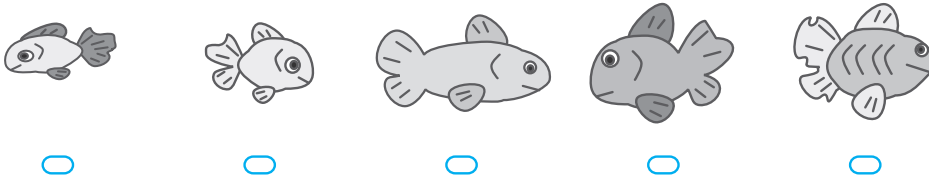
YEAR 3 NUMERACY

6

Jan drew this picture of a fish tank.



Which fish is second from the bottom of the tank?

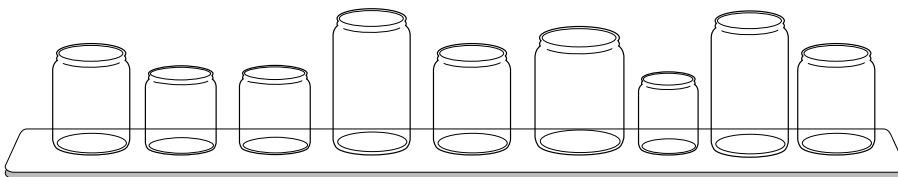


7

Simon has this jar.



Cathy has these jars on a shelf.



How many of Cathy's jars are the same height as Simon's jar?

5 4 3 2

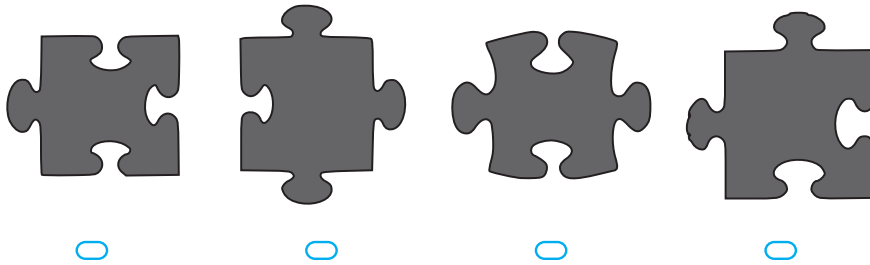
☐ ☐ ☐ ☐

YEAR 3 NUMERACY

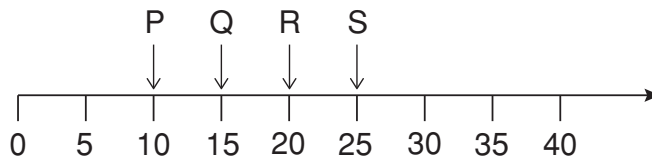
8



What shape is missing from this square?



9



Which arrow points to the number that is halfway between 5 and 25?

P Q R S
☐ ☐ ☐ ☐

10

Which of these gives the largest total?

$40 + 300$ $3 + 400$ $30 + 400$ $4 + 300$
☐ ☐ ☐ ☐

YEAR 3 NUMERACY

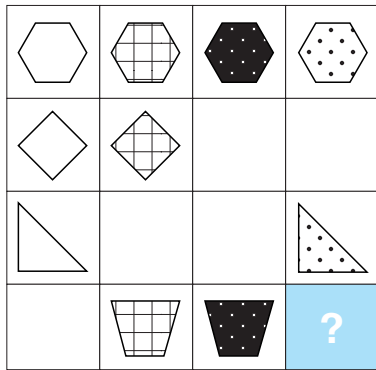
11

This grid shows a pattern.

Each row has a different shape.

Each column has different shading.

Some shapes are missing.



Which shape is missing from the bottom right corner of this grid?


☐

☐

☐

☐

12

Bella invited some friends to her birthday party.

8 friends came to her party but 5 friends could not come.

How many friends did Bella invite?

3

☐

8

☐

12

☐

13

☐

YEAR 3 NUMERACY

13

Four children have some stickers on a chart.

Ben	★ ★
Sue	★ ★ ★ ★ ★
Harry	?
Jill	★ ★ ★ ★

Harry has more stickers than Ben but fewer stickers than Jill.

How many stickers does Harry have?

2

☐

3

☐

5

☐

6

☐

14

This wooden doll is made from different 3D objects.



Which one of these is most like the shape of the head?

circle

☐

cylinder

☐

prism

☐

sphere

☐

15

Terri had \$18. She spent \$3 each day.

How many days did it take for Terri to spend all her money?

5

☐

6

☐

7

☐

15

☐

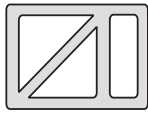
21

☐

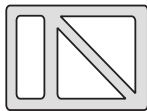
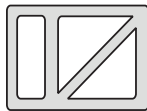
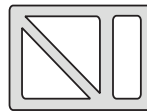
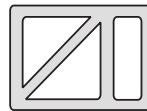
YEAR 3 NUMERACY

16

A shed has a window that looks like this from the inside.



What does the window look like from the outside?


☐

☐

☐

☐

17

Jason's birthday is on the 29th of January.

His sister's birthday is five days later.

2014 January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Which day of the week was his sister's birthday in 2014?

Sunday

☐

Monday

☐

Tuesday

☐

Wednesday

☐

18

Tara's book has 96 pages.

She has already read 58 pages.

How many pages have **not** been read by Tara?

38

☐

42

☐

48

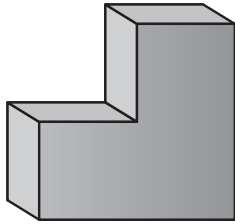
☐

154

☐

YEAR 3 NUMERACY

19



How many faces does this prism have?

5

☐

7

☐

8

☐

14

☐

18

☐

20



What time is shown on this clock?

quarter to 3

☐

quarter past 3

☐

quarter to 4

☐

quarter past 4

☐

21

Jack, David, Sam and Tim are brothers.

The table shows the years when they were born.

Name	Jack	David	Sam	Tim
Year born	1989	1998	1988	1999

Who is the second oldest brother?

Jack

☐

David

☐

Sam

☐

Tim

☐

YEAR 3 NUMERACY

22

Kim has only these coins.



She buys a bottle of water for \$1.15 and an apple for 55 cents.
How much money does Kim have left?

85 cents

☐

90 cents

☐

95 cents

☐

\$1.70

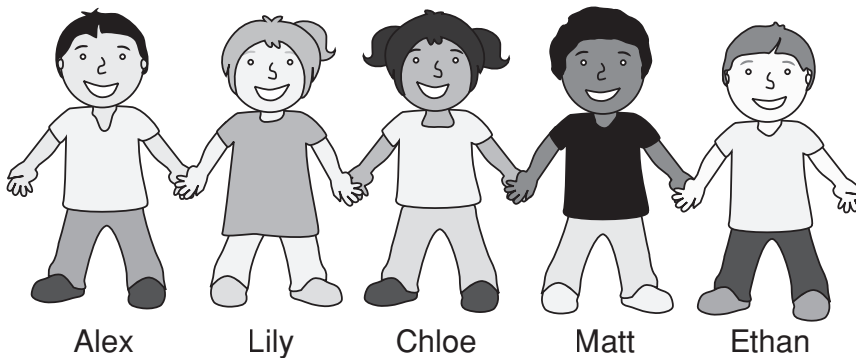
☐

\$2.55

☐

23

These five students are holding hands.



Who is holding Chloe's right hand?

Alex

☐

Lily

☐

Matt

☐

Ethan

☐

YEAR 3 NUMERACY

24

Which of these is closest to the mass of a litre of milk?

1 gram

☐

10 grams

☐

1 kilogram

☐

10 kilograms

☐

25

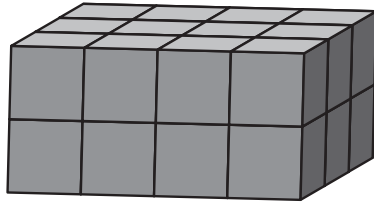
A Year 3 class has 14 boys.

There are 5 more boys than girls in this class.

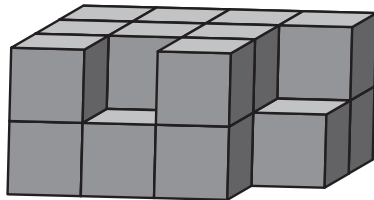
How many students are in this class?

26

This prism is made of cubes of the same size.



This view shows where some cubes have been taken out to form this new object.

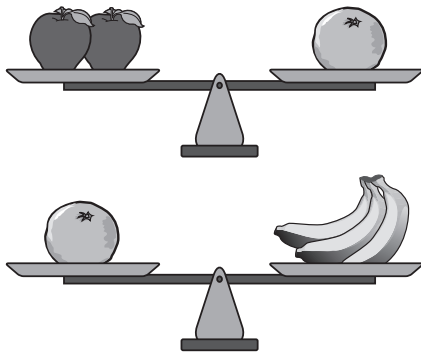


How many cubes are in this new object?

YEAR 3 NUMERACY

27

The scales are balanced.



Which one of these weighs the least?

☐☐☐

28

Roy made a pattern by adding 3 to a number to get the next number.

Which of these could be the first four numbers of Roy's pattern?

3, 13, 23, 33

☐

4, 7, 11, 16

☐

6, 10, 14, 18

☐

8, 11, 14, 17

☐

29

$$19 + \boxed{} + 8 = 45$$

YEAR 3 NUMERACY

30

Rhys had 4 fish tanks. Each tank had 10 fish in it.

He then bought one more tank.

He shared all the fish equally between the 5 tanks.

How many fish were then in each tank?

5

☐

6

☐

8

☐

9

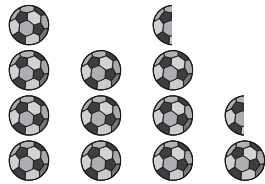
☐

31

Four friends were trying to kick balls into a net.

This graph shows how many balls each of the friends kicked into the net.

Balls kicked into net



Ian Mel Amy Harry

Mel kicked 6 balls into the net.

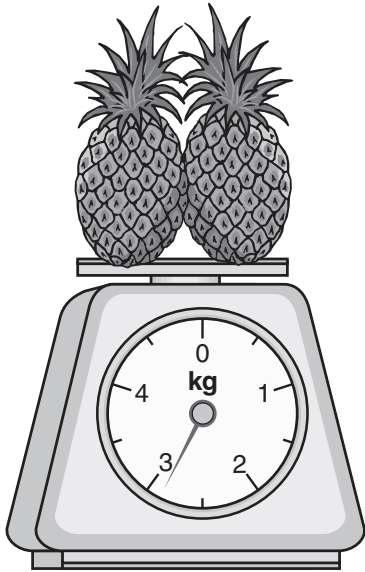
Amy kicked 7 balls into the net.

How many **more** balls did Ian kick into the net than Harry?

YEAR 3 NUMERACY

32

Two pineapples are on a scale.



The mass of each pineapple is closest to

1 kg

☐

$1\frac{1}{2}$ kg

☐

2 kg

☐

$2\frac{1}{2}$ kg

☐

3 kg

☐

33

Five children were playing a card game.

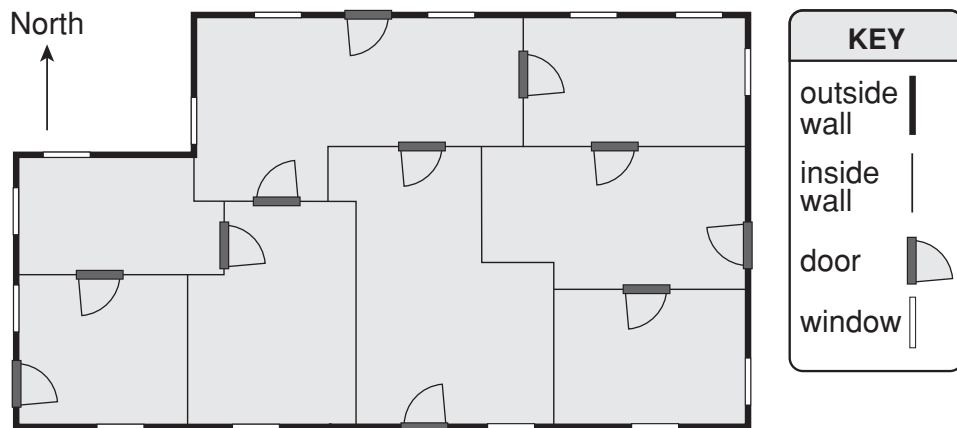
There were 52 cards. Each child was given 7 cards.

How many cards were left over?

YEAR 3 NUMERACY

34

This is a floor plan of a building.



Sanjeet enters the building by the door on the west wall.

He leaves the building by the door on the south wall.

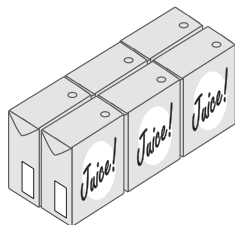
What is the smallest number of rooms he has to walk through?

35

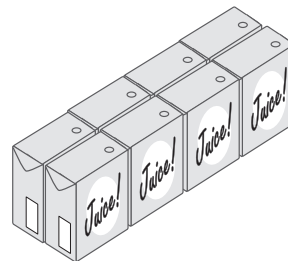
A shop is selling juice boxes in different packs.



\$1



\$5 for a pack of 6



\$6 for a pack of 8

What is the largest number of juice boxes that you can buy with \$15?

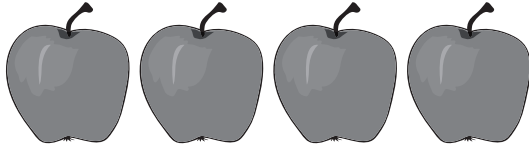
STOP – END OF TEST

YEAR 3 NUMERACY

PRACTICE QUESTIONS

P1

How many apples are shown?



3

☐

4

☐

5

☐

6

☐

P2

Write a number in the box to make this number sentence correct.

$6 + 4 =$

P3

Here is a number pattern.

2, 4, 6, 8,

?

What is the next number in the pattern?

9

☐

10

☐

11

☐

12

☐