

NUMERACY

YEAR

3

2013

0:45

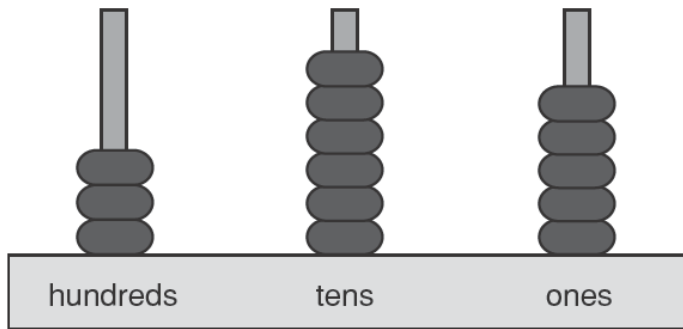
Time available for students to
complete test: 45 minutes

Use 2B or HB
pencil **only**



YEAR 3 NUMERACY

1



Ben used these beads to show a number.

What number did he show?

356

☐

365

☐

563

☐

653

☐

2

	A	B	C	D
1	✕	●	*	⌘
2	◆	♠	◆	*
3	⌘	●	◆	●
4	⌘	*	⌘	♠

On this grid ✕ can be found at A1.

What can be found at B2?


☐

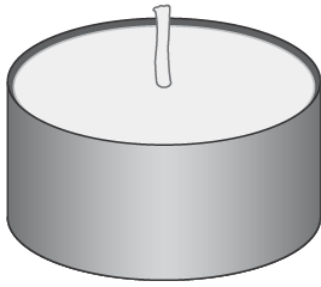
☐

☐

☐

YEAR 3 NUMERACY

3



This candle is shaped most like a

cylinder.

☐

sphere.

☐

pyramid.

☐

cone.

☐

4

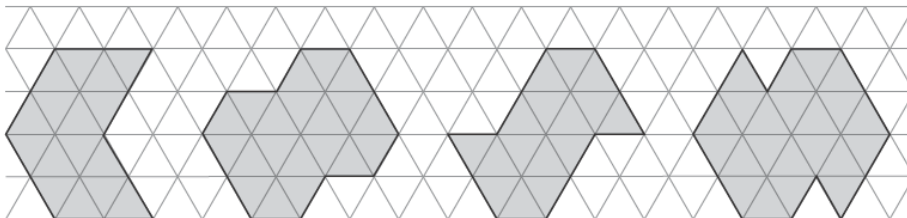
Some of the numbers on this number chart are missing.

31	32							39	
		43		45			48		
51					???			59	

What number should be in the ? square?

5

Which one of the grey shapes has the largest area?


☐
☐
☐
☐

YEAR 3 NUMERACY

6

Four children were playing a game.

They used a tally to show the points each child scored.

Tim	
Ali	
Pat	
Jess	

Who scored exactly eight points?

Tim

☐

Ali

☐

Pat

☐

Jess

☐

7

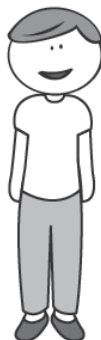
These students need to line up from tallest to shortest.



Billy



Sue



Luke



Emily



Finn



James

Which two students need to swap positions with each other?

- ☐ Sue and Luke
- ☐ Sue and Emily
- ☐ Luke and Emily
- ☐ Billy and Emily

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8

Dan drew a shape with only 3 straight sides.

Which of these shapes could he have drawn?

a square

☐

a circle

☐

a triangle

☐

a rectangle

☐

9



Nick buys one apple and one banana.

How much does he pay altogether?

70 cents

☐

\$1.10

☐

\$1.70

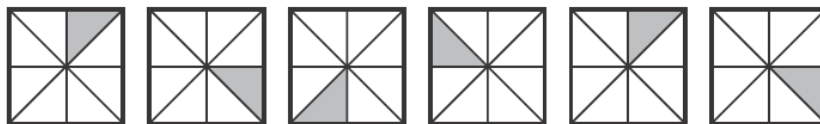
☐

\$1.80

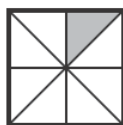
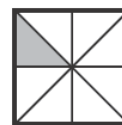
☐

10

This repeating pattern is made by turning a square tile.



Which of these comes next in this pattern?

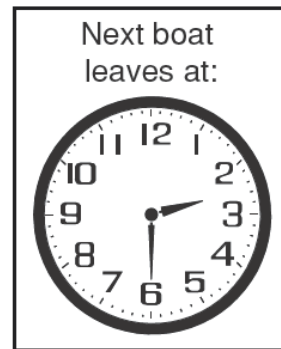
☐☐☐☐

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11

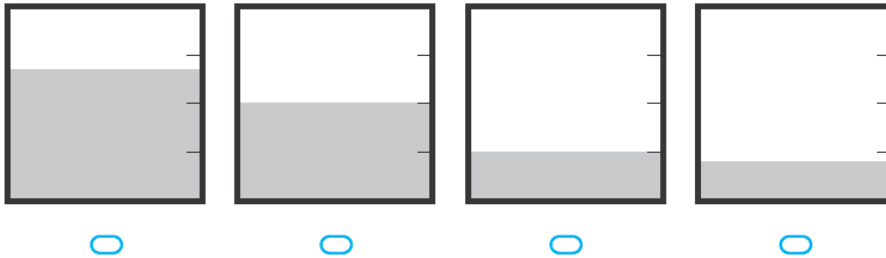
What time does the next boat leave?

- ☐ two past six
- ☐ half past six
- ☐ two o'clock
- ☐ half past two
- ☐ half past three



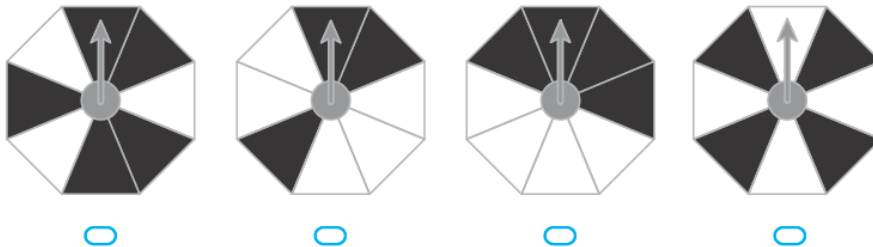
12

Which square has one-quarter shaded grey?



13

On which of these spinners is the arrow most likely to land on black?



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14

Six children shared 50 chocolates.

Four of these children got 10 chocolates each.

The other two, Lily and Sam, shared the rest of the chocolates equally.

How many chocolates did Lily get?

5

☐

10

☐

25

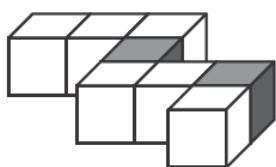
☐

40

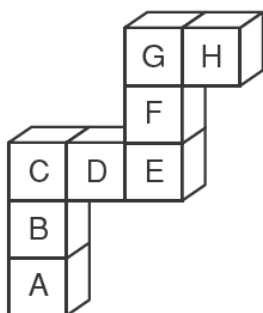
☐

15

Mel made this model by joining 6 white cubes and 2 grey cubes.



Mel turns her model.



Which two letters show the positions of the grey cubes?

and

16

$$- 15 = 20$$

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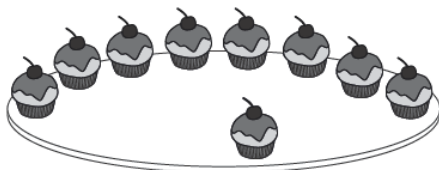
17

Ava made these cakes.

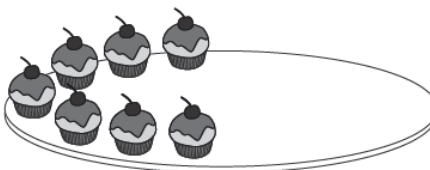


Her friends ate half of the cakes at a party.

Which picture shows how many cakes were left over?



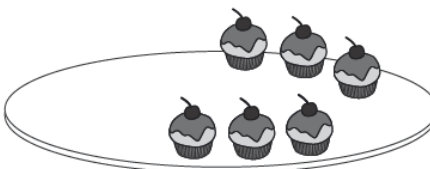
☐



☐



☐



☐

18

There are 50 presents in a basket.

Only one of the presents is a toy car.

Liz takes one of the presents without looking.

Which of these describes the chance that she will take the toy car?

impossible

☐

unlikely

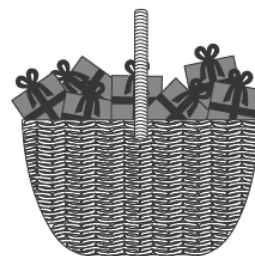
☐

likely

☐

certain

☐



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19

Evan has 17 pens. Jamie has 24 pens.

Alice has more pens than Evan but fewer pens than Jamie.

Which of these could be the number of pens Alice has?

7

☐

21

☐

28

☐

41

☐

20

Which of these adds up to more than \$5?

☐ \$1.75 + \$3.20

☐ \$2.25 + \$2.65

☐ \$2.55 + \$2.45

☐ \$2.50 + \$2.55

21

Which face is **not** symmetrical?


☐

☐

☐

☐

22

Anna asks people in her school if they like cats.

She draws this graph of her results.

like cats	     	KEY  = 2 people
do not like cats	   	

How many **more** people like cats than do not like cats?

2

☐

3

☐

4

☐

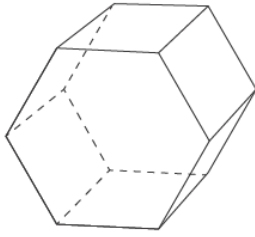
5

☐

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23

How many edges does this object have?



6

☐

8

☐

13

☐

18

☐

24

$43 - 29 = ?$

14

☐

15

☐

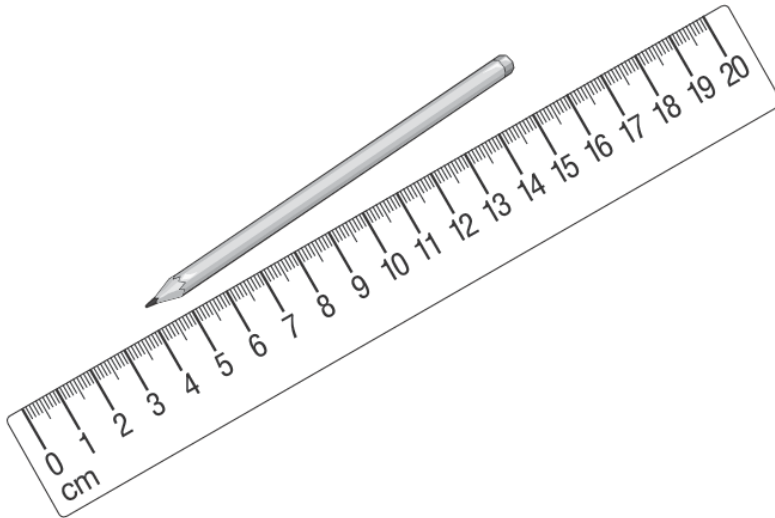
24

☐

26

☐

25



Using this ruler, the length of the pencil is closest to

4 cm

☐

9 cm

☐

11 cm

☐

15 cm

☐

YEAR 3 NUMERACY

26



Hi, I'm Jill.
My party is two weeks
from tomorrow.

September						
Sun	Mon	Tues	Wed	Thurs	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 Party	24	25
26	27	28	29	30		

On what date does Jill say this?

- ☐ 8 September
- ☐ 9 September
- ☐ 15 September
- ☐ 16 September
- ☐ 21 September

27

There were some strawberries on a plate.
Nat took half of them. Then she took 1 more.
Five strawberries were left.

How many strawberries were on the plate at the start?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 4 | 6 | 11 | 12 |
| ☐ | ☐ | ☐ | ☐ |

28

Stella ran 4 times around a track. She ran a total of 2000 metres.
Grace ran 3 times around the same track.
How many metres did Grace run?

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29

This shoe print was found in the sand.



Which shoe made the print?



☐



☐



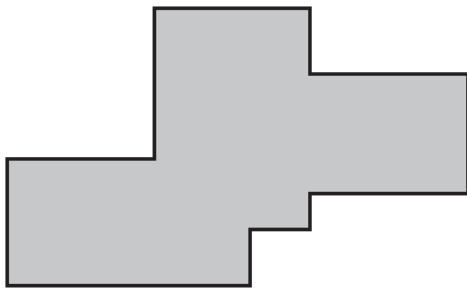
☐



☐

30

Chris cut this shape into rectangles with no pieces left over.



What is the smallest number of rectangles he could have cut it into?

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31

Meg folded this piece of paper along the dotted line.



How did the paper look after she folded it?



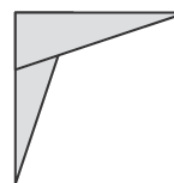
☐



☐



☐



☐

32

John and Bella get pocket money each week.

John gets \$4.

Bella gets \$7.

After 11 weeks, Bella will have received more pocket money than John.

How much more?

\$

33

Lee paid for some lemons with a \$10 note.

Each of the lemons cost 45 cents.

She got \$5.05 change.

How many lemons did Lee buy?

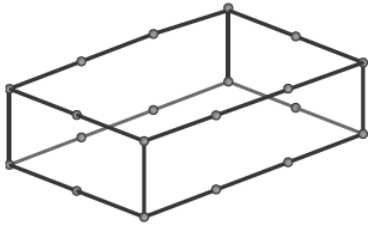
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34

Tom had some sticks like this one: —●

Each of the sticks was 3 centimetres long.

He joined them together to make this object.

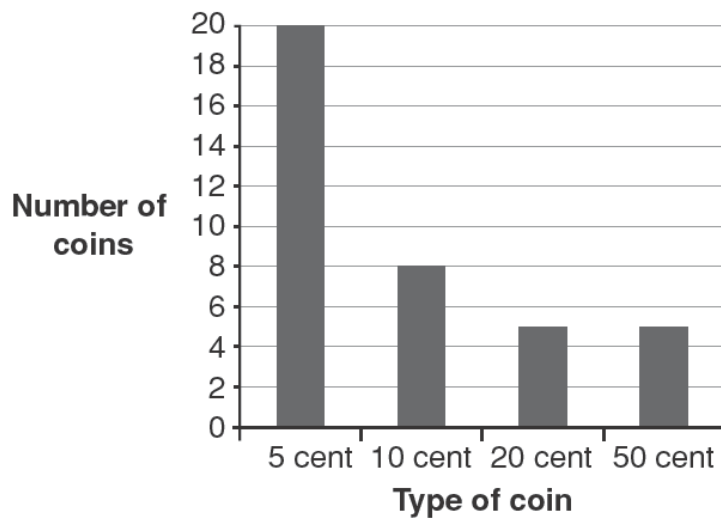


What was the total length of the sticks he used?

centimetres

35

Harry counted all his coins and drew this graph.



How much money did Harry have in coins?

\$

STOP – END OF TEST

YEAR 3 NUMERACY

Do not write on this page.

YEAR 3 NUMERACY

PRACTICE QUESTIONS

P1 How many apples are shown?



3

☐

4

☐

5

☐

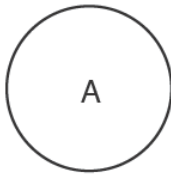
6

☐

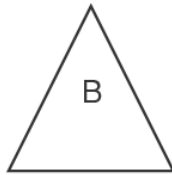
P2 Write a number in the box to make this number sentence correct.

$6 + 4 = \boxed{}$

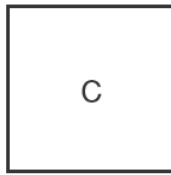
P3 Which of these shapes are circles?



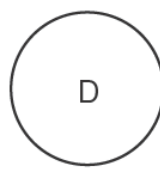
A



B



C



D

and