

NAPLAN*-style

YEAR

5

SAMPLE TEST 1

NUMERACY

FIRST NAME _____

LAST NAME _____

SCHOOL'S NAME _____

0:50

Time available for students to complete the Numeracy Test: 50 minutes

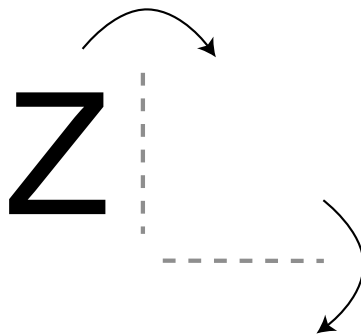


Use 2B or HB pencil **only**.

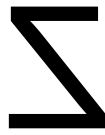
YEAR 5 NUMERACY

- 1 Tim flipped the letter Z over the first dotted line and then flipped it over the second dotted line.

Shade one bubble.



Which of these shows the shape after the second flip?



- 2 Chloe shaded squares in ascending order on her number chart. She started with 16 and counted by 4s.

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	32	33	34	35
36	37	38	39	40

What was the **next** number Chloe shaded?

38



40



44



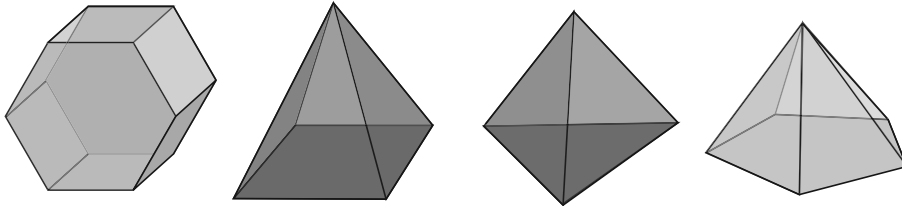
48



YEAR 5 NUMERACY

3 Ella drew some solids.

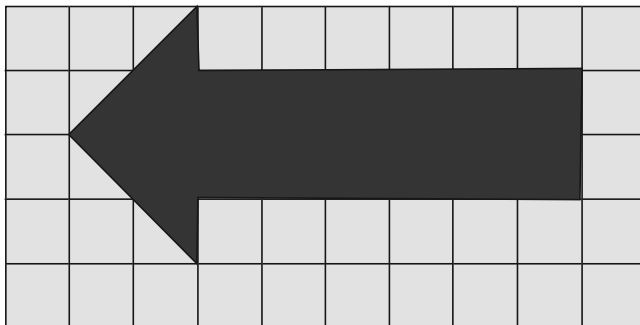
Shade one bubble.



How many pyramids did Ella draw?

- 1 2 3 4
-

4 The grid shows squares which each have an area of one square unit.



What is the area of the arrow?

- 14 square units 16 square units 18 square units 22 square units
-

5 Here is a number: 2074.

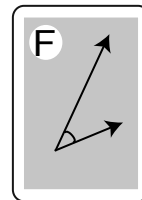
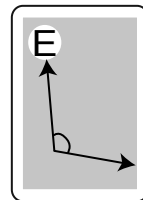
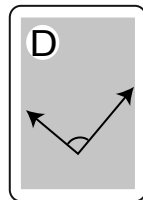
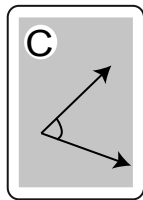
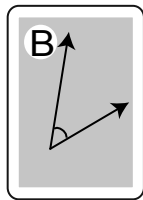
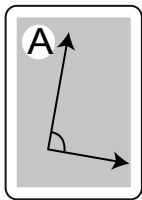
What is this number in words?

- Two hundred and seventy-four
- Two thousand, seven hundred and four
- Two thousand and seventy-four
- Twenty thousand and seventy-four

YEAR 5 NUMERACY

6 Here are six cards with angles drawn on them.

Shade one bubble.



Kade selected the cards with right angles.

How many cards did Kade select?

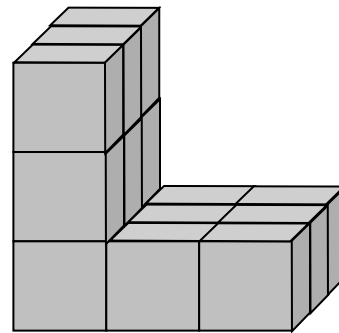
2

3

4

5

7 This solid object was made of identical cubes.



How many cubes are in the object?

15

18

21

27

8 The students in Figtree School were asked whether they own a mobile phone and an MP3 player.

Shade one bubble.



Students	Boys	Girls
Mobile phone	16	19
MP3 Player	13	24

How many students own a mobile phone?

32

35

43

72

YEAR 5 NUMERACY

9 Mathias was counting by hundreds.

Write your answer in the box.



620 720 820 920 ?

What is the next number in this pattern?

Write the next number in the box.

10 A pentagon has five sides.

Kristian used two pentagons and several rectangles to make a pentagonal prism.

How many rectangles did he use?

Shade one bubble.



5

6

7

10

11 Deepak has \$4.25 in his wallet.

He needs 45 cents more to buy a magazine.

Write your answer in the box.



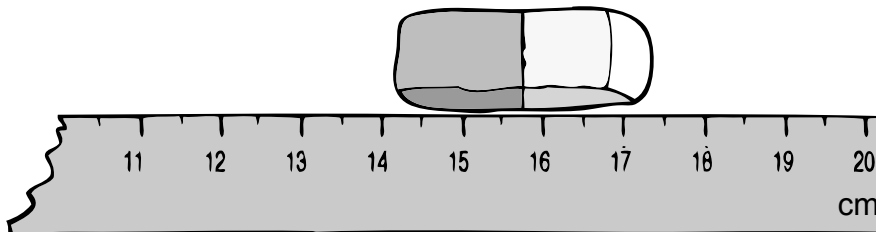
What is the cost of the magazine?

\$

12 Abdul has a ruler that is broken.

He uses a section of the ruler to measure the length of his eraser.

Shade one bubble.



What is the approximate length of his eraser?

14 mm

17 mm

26 mm

32 mm

YEAR 5 NUMERACY

13 As Habib leaves home he notices the time on his clock.

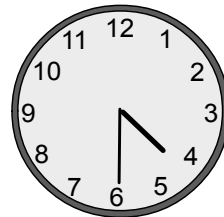
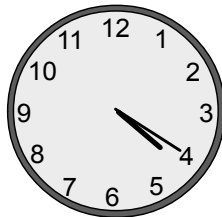
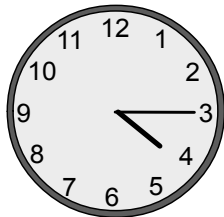


Shade one bubble.

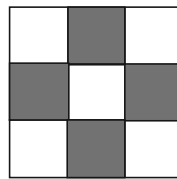
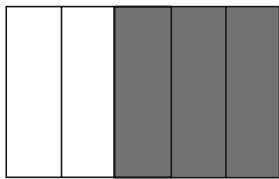
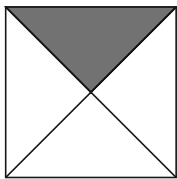


His soccer training starts in 20 minutes.

Which clock shows the time that training starts?



14 Which of the following diagrams has the **largest** fraction shaded?



15 At Christmas, Celia is 10 years old.

Her mother is 26 years older than Celia.

Her grandmother is 32 years older than Celia's mother.

Aunty Joan's age is halfway between Celia's mother and grandmother.



Celia (10)



Mother



Grandmother

?

Aunty Joan

How old is Aunty Joan?

38



42



44



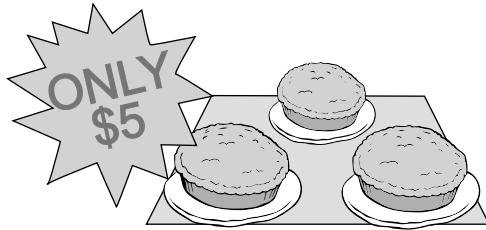
52



YEAR 5 NUMERACY

- 16** A shop advertises pies at '3 for \$5'.

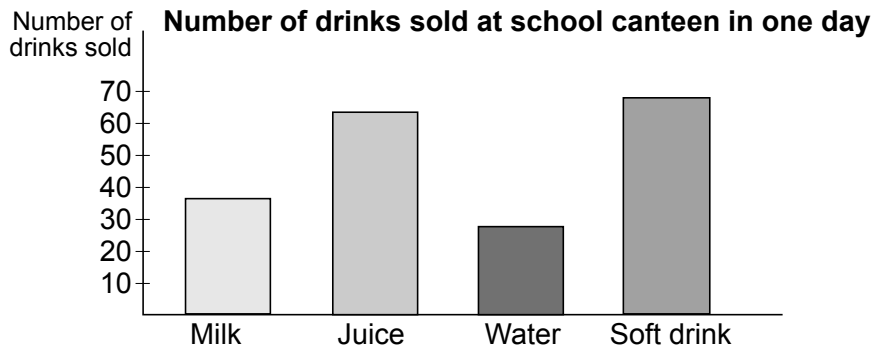
Shade one bubble.



What is the most number of pies Donald can buy for \$20?

- 8 10 12 16
-

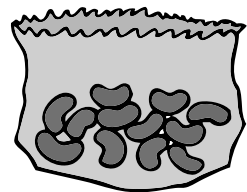
- 17** The graph shows the number of different drinks sold at the school canteen in one day.



Which statement is true?

- More milk was sold than juice.
- Less juice was sold than water.
- More water was sold than milk.
- Less milk was sold than soft drink.

- 18** A bag contains six red jelly beans and six blue jelly beans. Braithe closes his eyes and takes a jelly bean out of the bag.



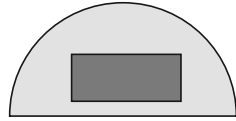
What is the chance that the jelly bean he chooses is black?

- Impossible Unlikely Likely Certain
-

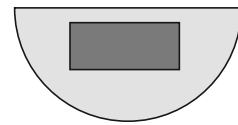
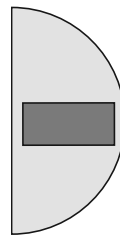
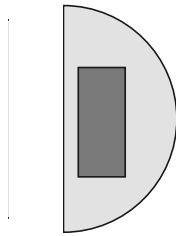
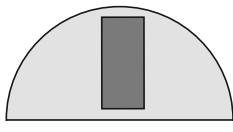
YEAR 5 NUMERACY

19 Michael drew this shape.

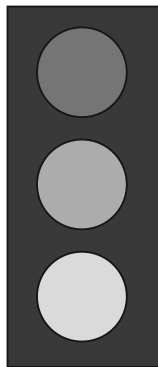
Shade one bubble.



The shape is rotated a quarter-turn in a clockwise direction.
What is the new shape?



20 Conrad drew a picture of a set of traffic lights.



How many axes of symmetry does the picture have?

0



1



2



4



21 What is the missing number?

$$9 \times 4 = 12 \times \boxed{}$$

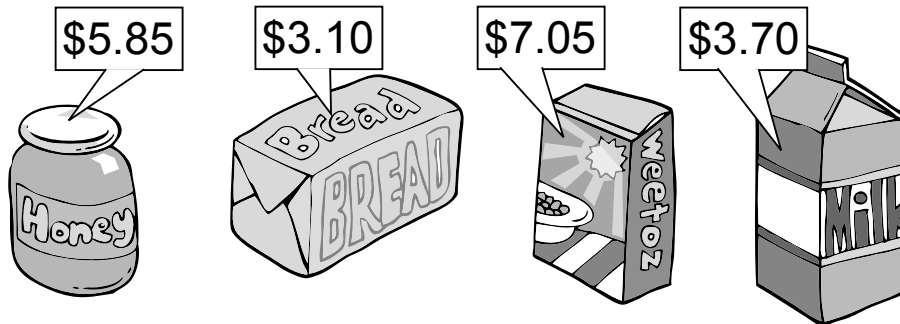
Write your answer in the box.



YEAR 5 NUMERACY

22

Shade one bubble.



Which would give the best estimate for the total cost of the items?

- $\$6 + \$3 + \$7 + \4
- $\$5 + \$3 + \$7 + \3
- $\$6 + \$4 + \$7 + \4
- $\$6 + \$4 + \$8 + \4

23

Which number is **more** than 0.24?

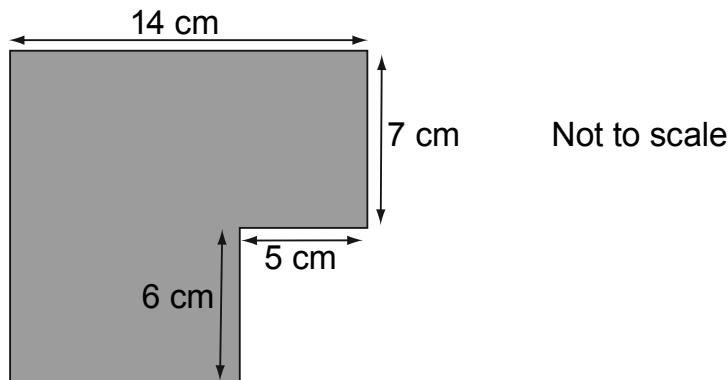
0.2

0.1

0.23

0.3

24



What is the perimeter of this shape?

32 cm

38 cm

45 cm

54 cm

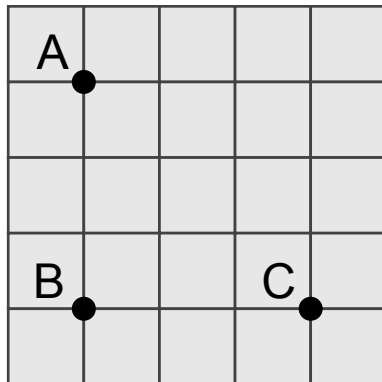
YEAR 5 NUMERACY

25 A map is drawn on a grid made from squares that are 1 cm long.

Shade one bubble.



Scale: 1 cm = 100 m



Lisa refers to the map to travel from A to B then to C.
Using the scale, how far did Lisa travel?

60 m

400 m

600 m

1 km

26

$$35.2 \div \square = 3.52$$

What is the missing number?

10

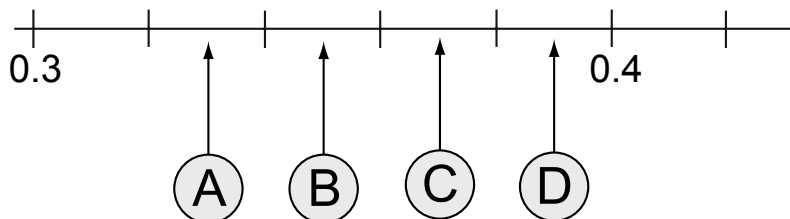
100

1000

10 000

27

A number line is drawn and four arrows point to different values on the number line.



Which arrow is closest to 0.35?

A

B

C

D

YEAR 5 NUMERACY

28 Today is Thursday, 25 September.

Bianca's grandmother arrives from overseas on 10 October.

Shade one bubble.



September						
S	M	T	W	T	F	S
	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				

Which day of the week is 10 October?

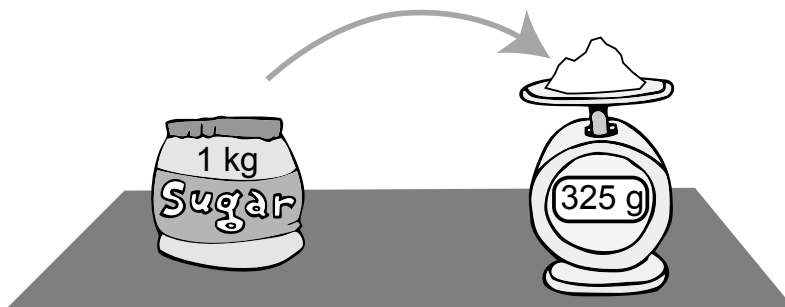
Thursday

Friday

Saturday

Sunday

29 A 1-kg packet of sugar is opened and some sugar is poured onto a set of scales.



What mass of sugar remains in the packet?

625 g

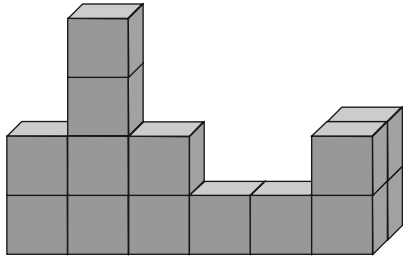
675 g

725 g

775 g

YEAR 5 NUMERACY

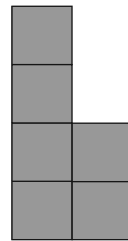
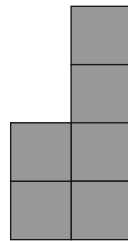
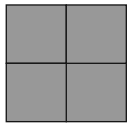
30 The diagram shows an object that has been built using identical cubes.



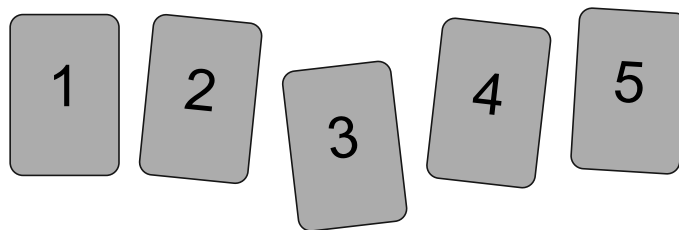
Shade one bubble.



What is the view from the left side?



31 The numbers 1, 2, 3, 4 and 5 are written on identical cards and placed in a bag.



If a card is chosen from the bag, what is the chance that it is an odd number?

Even chance



2 out of 3



2 out of 5



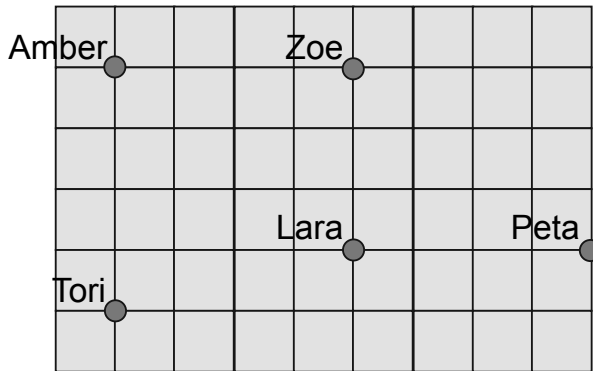
3 out of 5



YEAR 5 NUMERACY

32 The homes of five classmates have been marked on the grid.

Shade one bubble.



Who lives closest to Lara?

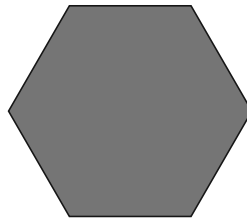
Zoe

Amber

Peta

Tori

33 What is the name of the shape?



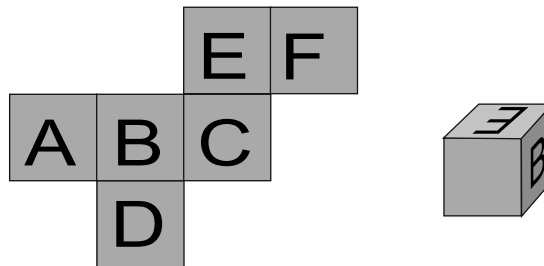
Pentagon

Hexagon

Octagon

Decagon

34 This net is used to make a cube.



Which letter is on the front face of the cube?

A

C

D

F

YEAR 5 NUMERACY

35

$$\begin{array}{r} \boxed{3} \ \boxed{5} \ \boxed{8} \\ + \boxed{2} \ \boxed{} \ \boxed{3} \\ \hline \boxed{6} \ \boxed{3} \ \boxed{1} \end{array}$$

Shade one bubble.



What digit is missing?

- 2 3 7 8
-

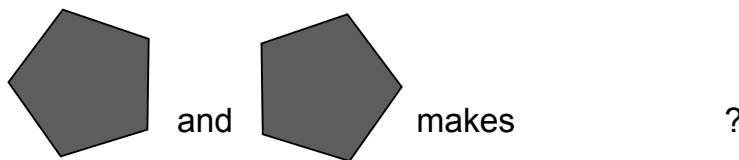
36 How many times does 5 divide into 5045?

- 119 109 190 1009
-

37 Hillary joined one square to another square of the same size. Together the squares made a rectangle.



She then joined one pentagon to another pentagon of the same size.



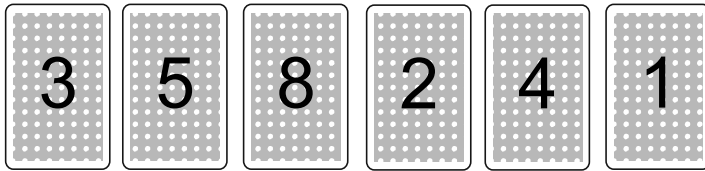
What is the name of Hillary's new shape?

- Parallelogram Hexagon Octagon Square
-

YEAR 5 NUMERACY

38 Melina had these cards with numbers written on them.

Write your answer in the box.



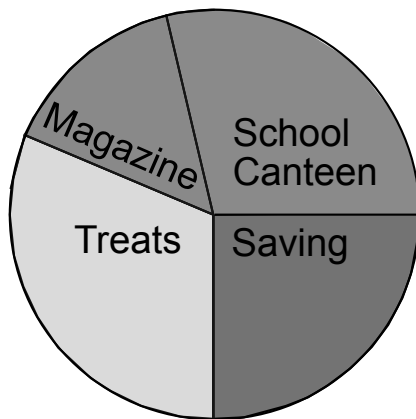
She used four of these cards to make an odd number.

What is the **smallest** odd number Melina can make?

39 Serna is given an allowance of \$12 per week.

She draws a graph to show what she will do with the money.

Shade one bubble.



About how much money will Serna save each week?

\$1.50

\$3

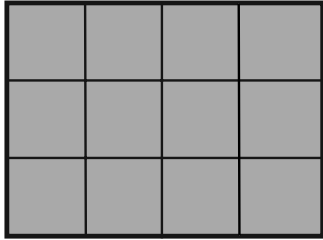
\$6

\$8

YEAR 5 NUMERACY

- 40 A rectangle is drawn on grid paper.

Shade one bubble.



The perimeter of the rectangle is 14 units.

If each side of the rectangle is doubled, what will happen to the area?

- The area will remain the same.
- The area will be multiplied by two.
- The area will be multiplied by three.
- The area will be multiplied by four.

END OF TEST

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Excel Test Zone

Year 5 NAPLAN-style Sample Test 1

NUMERACY

1. **Z**

2. 40

3. 3

4. 16 square units

5. Two thousand and seventy-four

6. 2

7. 15

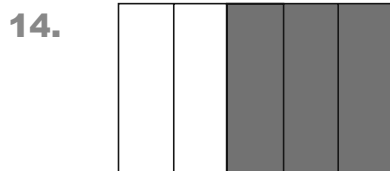
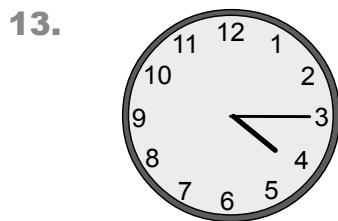
8. 35

9. 1020

10. 5

11. 4.70

12. 32 mm



15. 52

16. 12

17. Less milk was sold than soft drink

18. Impossible

19. A diagram showing a semi-circle with a vertical diameter. Inside the semi-circle, there is a vertical rectangle that is centered horizontally and its top edge is tangent to the curved boundary of the semi-circle.

20. 1

21. 3

22. $\$6 + \$3 + \$7 + \4

23. 0.3

24. 54 cm

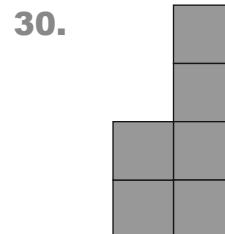
25. 600 m

26. 10

27. B

28. Friday

29. 675 g



31. 3 out of 5

32. Zoe

33. Hexagon

34. A

YEAR 5 NUMERACY

- 35. 7
- 36. 1009
- 37. Octagon
- 38. 1235
- 39. \$3
- 40. The area will be multiplied by four.