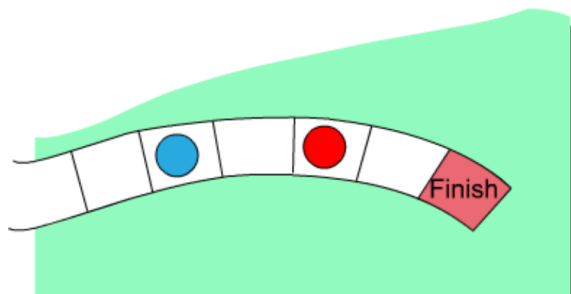


Question 17 of 32

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Jamie and Craig are playing a board game where they move forward, towards the finish, the number of squares that they throw on a die. Craig has the red counter and will win if he throws anything apart from a 1 on his next turn. But it is Jamie's turn. Jamie has the blue counter.



What is the chance that Jamie will win with his next throw?

☐ 1 in 6

☐ 1 in 4

☐ 1 in 3

☐ 1 in 2

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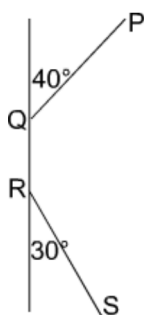
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The line joining P to Q is rotated clockwise about point Q until it is parallel to the line joining R to S.



Through how many degrees is it rotated?

☐ 10°

☐ 70°

☐ 110°

☐ 170°

YEAR 7 Numeracy Non-calculator Test 3

Sample Test

Time Allowed: 40min
Time Remaining: 00s
36min 51s

Finish Test

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

Question 19 of 32

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What is one-quarter of a tonne?

☐ 250 g

☐ 25 kg

☐ 250 kg

☐ 2500 kg

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YEAR 7 Numeracy Non-calculator Test 3

Sample Test

Time Allowed: 40min
Time Remaining: 00s
36min 44s

Finish Test

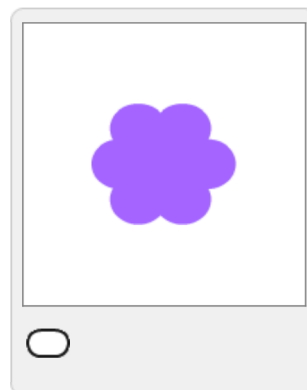
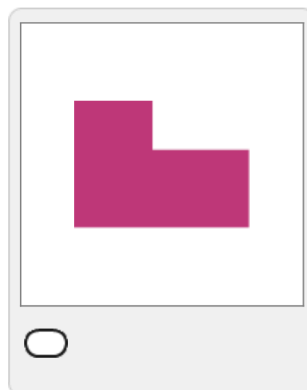
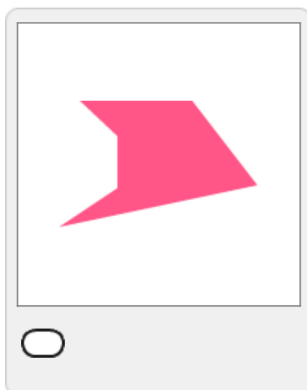
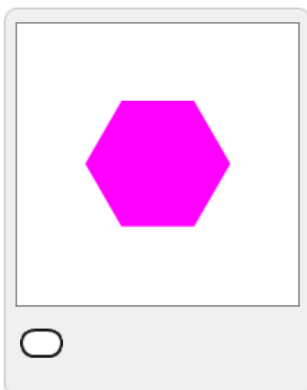
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32

Question 20 of 32

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Which shape is **not** a hexagon?



Flag this question to revisit later: ☐

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Question 21 of 32

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The graph shows the number of roses Martina picked from her garden one week.



How many more roses did Martina pick on Friday than on Sunday?

Submit

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Question 22 of 32

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Minh has written out the first five numbers in a pattern of numbers.

The numbers are 6, 9, 15, 27, 51.



What rule could Minh be using to find each number?

☐ Add 3 to each number.

☐ Multiply each number by 3, then divide by 2.

☐ Double the number, then subtract 3.

☐ Multiply each number by 3 and subtract 9.

Question 23 of 32

Previous

Next

Which is the largest of $\frac{4}{5}$, 80% and 0.8?



$\frac{4}{5}$

80%

0.8

$\frac{4}{5}$, 80% and 0.8
are all equal.

Question 24 of 32

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Twenty families were surveyed. They were asked the number of pets they had and the results were placed in a table.

The number of pets per family	
Number of pets	Number of families
0	4
1	
2	6
3	1
4	2
5 or more	4

The number of families with one pet is missing. What should it be?

Submit

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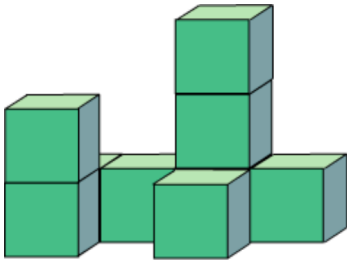
Next

Question 25 of 32

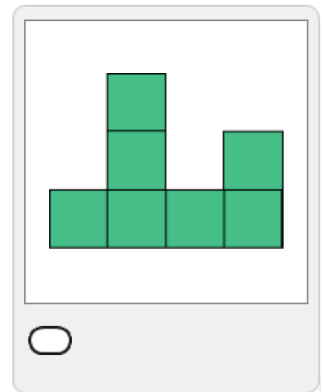
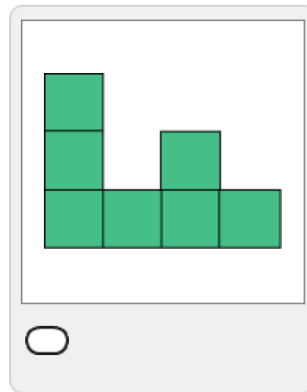
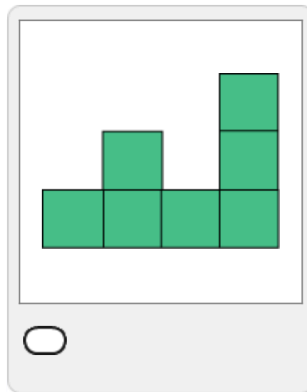
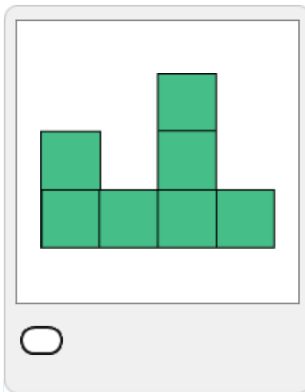
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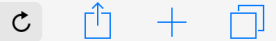
This shape is made from nine identical blocks.



Which would be the view from the back?



Flag this question to revisit later:



YEAR 7 Numeracy Non-calculator Test 3 Sample Test

Time Allowed: 40min
Time Remaining: 00s
35min
48s

Finish Test

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

Question 26 of 32

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Which number is both a factor of 48 and a multiple of 12?



☐ 6

☐ 24

☐ 36

☐ 60

Flag this question to revisit later:

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Next

Question 27 of 32

Previous

Next

Three lines are drawn on a page.

Consider these four statements.

I The lines might not intersect.

II The lines might intersect in just one point.

III The lines might intersect in two points.

IV The lines might intersect in three points.

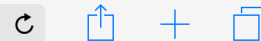
Which is correct?

☐ Statement I, II and III are correct but IV is wrong.

☐ Statement I, II and IV are correct but III is wrong.

☐ Statement III and IV are correct but I and II are wrong.

☐ All statements are correct.



YEAR 7 Numeracy Non-calculator Test 3

Sample Test

Time Allowed: 40min
Time Remaining: 00s 35min 33s

Finish Test

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

Question 28 of 32

Previous

Next

A triangle has an angle measuring 55° and another angle measuring 70° .

Which description applies to this triangle?

☐ right-angled

☐ obtuse-angled

☐ isosceles

☐ equilateral

Flag this question to revisit later: ☐

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Next

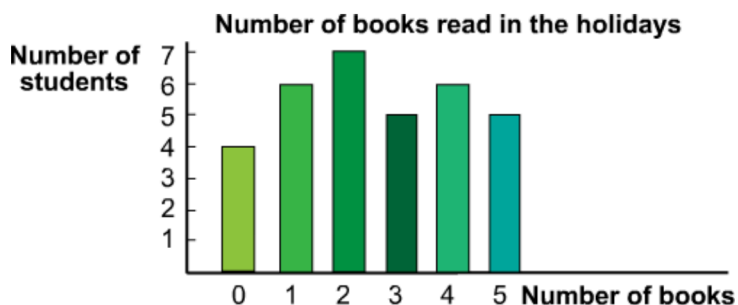
29 30 31 32

Question 29 of 32

Previous

Next

A group of students was asked how many books they read over the holidays. The results are shown in the graph.



How many books were read by the students?

☐ 29

☐ 31

☐ 84

☐ 85

Flag this question to revisit later: ☐

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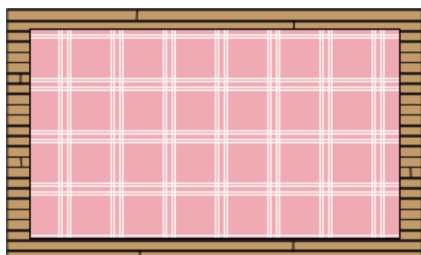
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Next

A floor is 10 m long and 6 m wide. A rug is on the floor. The rug is 9 m long and 5 m wide.



What area of the floor is **not** covered by the rug?

☐ 15 m²

☐ 6 m²

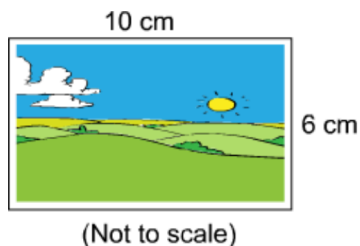
☐ 4 m²

☐ 1 m²

Question 31 of 32

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A photo is 10 cm long and 6 cm wide. It is enlarged so that it is now 30 cm wide.

How long (in centimetres) is the enlarged photo?

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YEAR 7 Numeracy Non-calculator Test 3

Sample Test

Time Allowed: 40min
 Time Remaining: 34min 56s

Finish Test

- 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

Question 32 of 32

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Finish Test

First number	2	4	6	8		22
Second number	2	3	4	5		X

What number should replace X?

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Finish Test

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