YEAR 7 Geometry Calculator Allowed Test 4
Numeracy Short Test

Time Allowed: 20min 00s
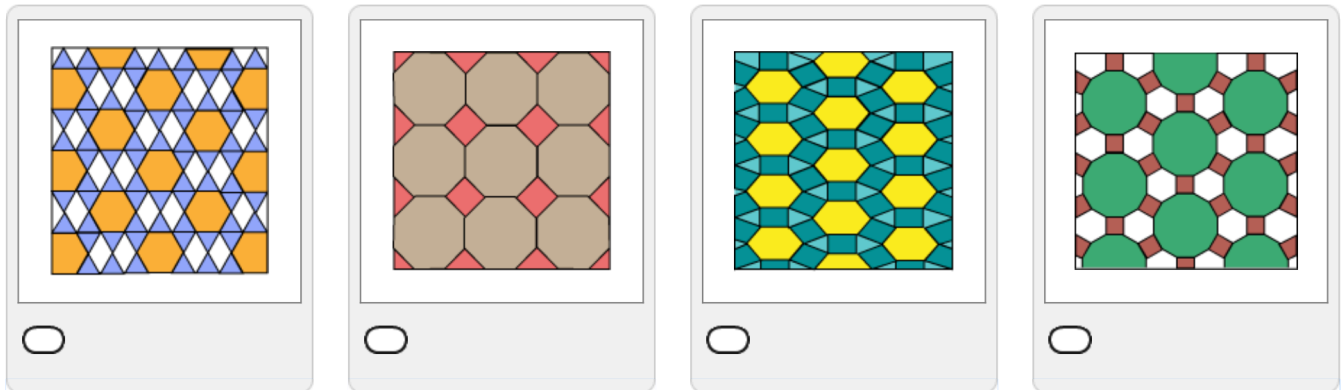Time Remaining: 19min 55s

Finish Test

Question 1 of 16

Next

These tiling patterns are found on various floors.

Which pattern does not contain a hexagon?
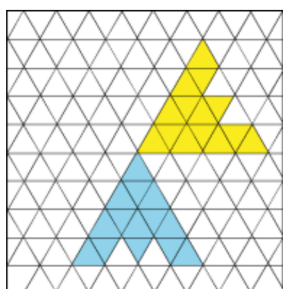

Flag this question to revisit later: ○

Next

Question 2 of 16

Previous   Next

Through how many degrees could the yellow shape be turned so that it moves to the exact position of the blue one?

60°	90°	120°	180°
○	○	○	○

YEAR 7 Geometry Calculator Allowed Test 4
Numeracy Short Test

Time Allowed: **20min 00s**
Time Remaining: **19min 42s**

Finish Test

Question 3 of 16

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A triangle has one angle measuring 40° and another measuring 70°.

40°   70°
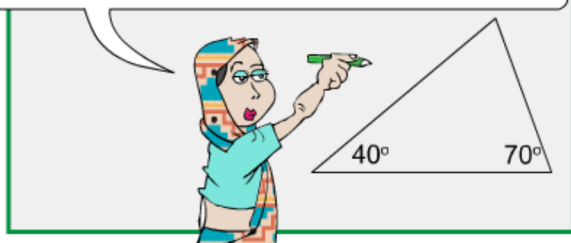
What type of triangle is it?

- ◯ isosceles
- ◯ scalene
- ◯ right-angled
- ◯ equilateral
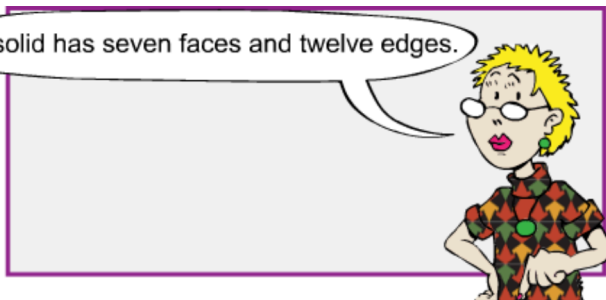
Flag this question to revisit later: ◯

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Question 4 of 16

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A solid has seven faces and twelve edges.

Which of these solids could it be?

- ◯ pentagonal prism
- ◯ cube
- ◯ rectangular pyramid
- ◯ hexagonal pyramid

YEAR 7 Geometry Calculator Allowed Test 4
Numeracy Short Test

Time Allowed: 20min 00s
Time Remaining: 19min 26s
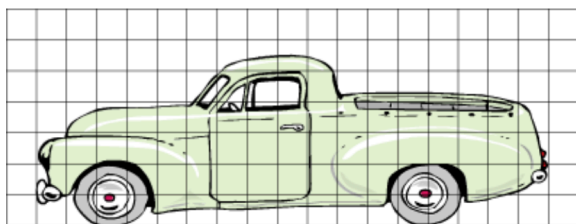
Finish Test

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 5 of 16

Previous   Next

This is a scale drawing of a utility.

The real ute is 5.1 metres long.

How high is the utility?

- ◯ 1.5 m
- ◯ 1.65 m
- ◯ 1.8 m
- ◯ 1.95 m

Question 6 of 16

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(Not to scale)
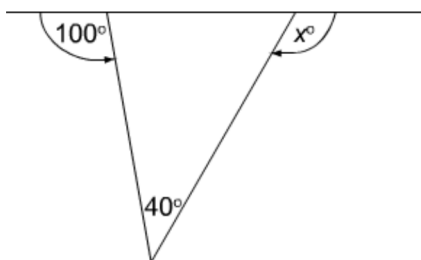
What is the value of x?

- ◯ 100
- ◯ 110
- ◯ 120
- ◯ 130

Flag this question to revisit later: ◯

Previous   Next

Question 7 of 16

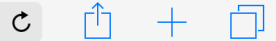A right-angled isosceles triangle is cut along its axis of symmetry.

What are the resulting two parts?

- ⬭ equilateral triangles
- ⬭ right-angled isosceles triangles
- ⬭ right-angled but not isosceles triangles
- ⬭ isosceles but not right-angled triangles

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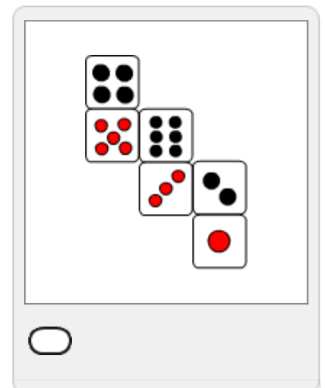Time Allowed: 20min 00s
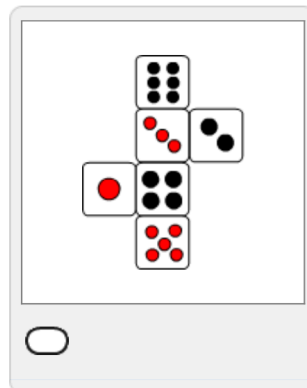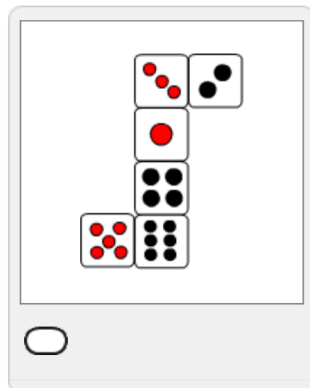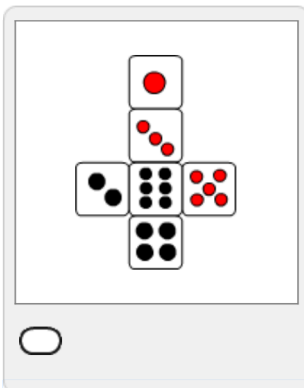Time Remaining: 19min 05s

Finish Test

Question 8 of 16

A normal die has opposite faces that add to seven.

Which could **not** be the net of a normal die?

- ⬭
- ⬭
- ⬭
- ⬭

Flag this question to revisit later: ⚪

Question 9 of 16

A car is travelling South-West on Addison Avenue. It turns into Rosa Street, where it travels South-East and then takes the next turn on the right.

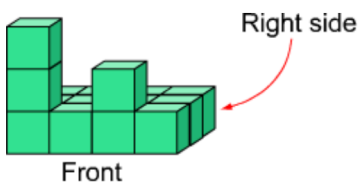In which street is it now travelling?
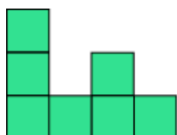
- ○ Bold Street
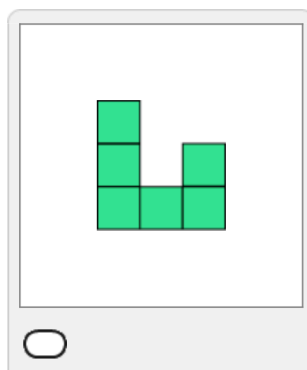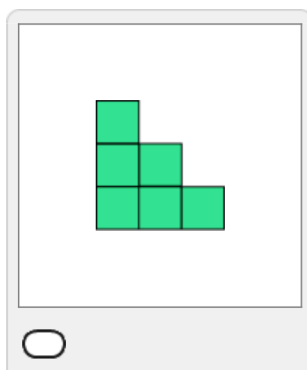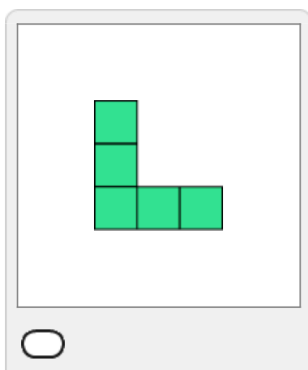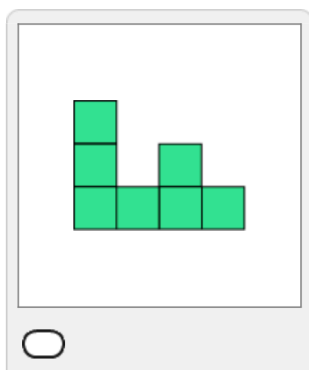- ○ Princess Street
- ○ Cook Street
- ○ Cameron Street

A shape was made using identical cubes.

This is the view from the front.

Which diagram shows the view from the right side?

- ○
- ○
- ○
- ○

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Time Allowed: 20min 00s
Time Remaining: 18min 39s

Finish Test

1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16

Question 11 of 16

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What name is given to this plane figure?

| ◯ trapezium | ◯ icosahedron | ◯ kite | ◯ octagon |

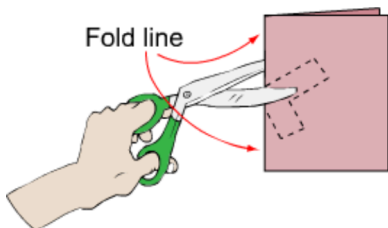*Flag this question to revisit later:* ◦

Previous   Next

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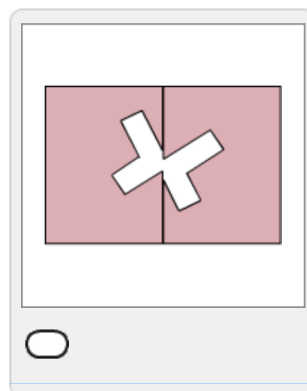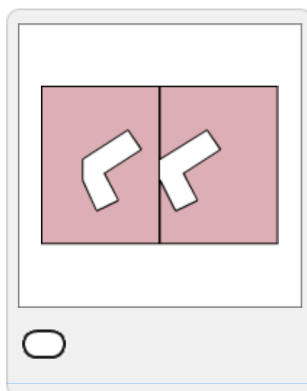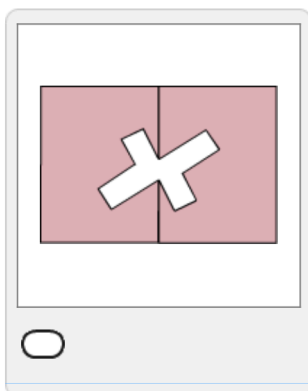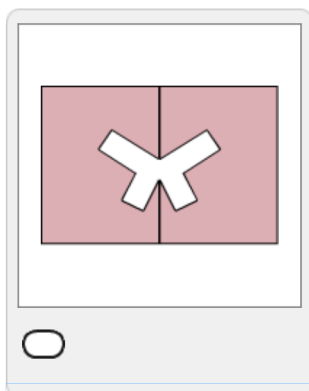
Question 12 of 16

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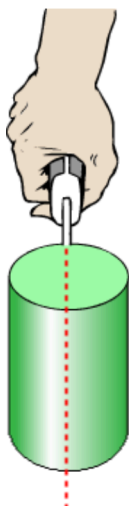A piece of paper is folded and then a shape is cut from the paper.

Fold line

Which diagram shows the result when the paper is unfolded?
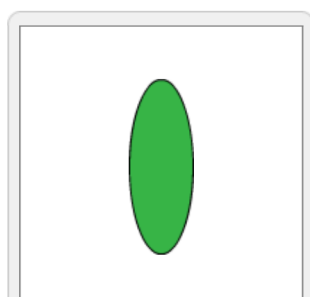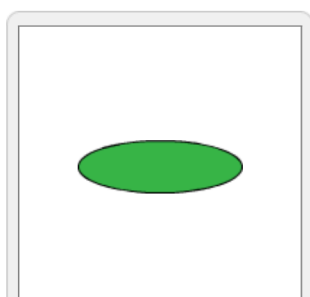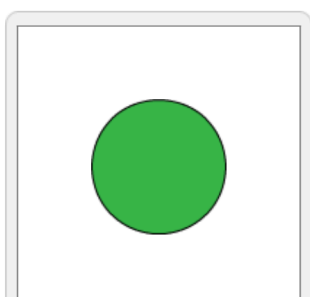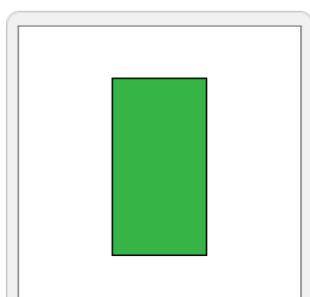

◯   ◯   ◯   ◯

Flag this question to revisit later:

A cut was made down through the centre of this cylinder.

What shape is the cross-section?

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Time Allowed: 00s
Time Remaining: 18min
                   05s

Finish Test

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

Question 14 of 16

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A number of squares have been shaded on a grid.

If the grid was to be reflected in the vertical line between columns C and D which of these squares would **not** be shaded?

○ D1   ○ F3   ○ E5   ○ D4

Flag this question to revisit later: ○

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Time Allowed: **20min 00s**
Time Remaining: **17min 57s**

Finish Test

Question 15 of 16

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Aaron drew this rectangular prism. He labelled the vertices with the letters from A to H.

Which line is **not** parallel to EH?

○ FG

○ CD

○ BC

○ AD

Flag this question to revisit later: ○

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Numeracy Short Test
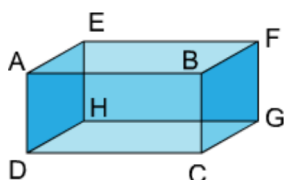
Time Allowed: **00s**
Time Remaining: **17min 50s**

Finish Test

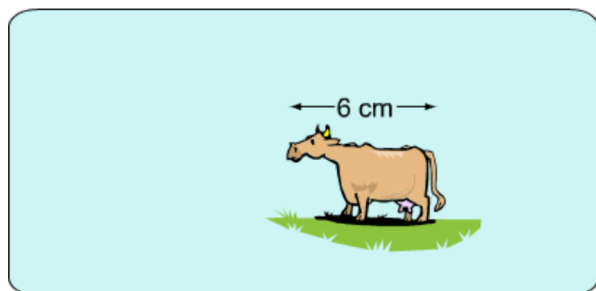### Question 16 of 16

Previous   Finish Test

Jelisa used a computer to enlarge the size of this picture of a cow. The new picture is 19.5 cm long. The original picture was 6 cm long.

How many times longer than the original is Jelisa's picture?

Please type your answer here...

Submit

Flag this question to revisit later: ○

Previous   Finish Test