YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test

Time Allowed:	20min 00s
Time Remaining:	19min 51s

Finish Test

Question 1 of 16

Next

Which solid is a prism?

◯	◯	◯	◯

Flag this question to revisit later: ○

Next

Question 2 of 16

Previous   Next
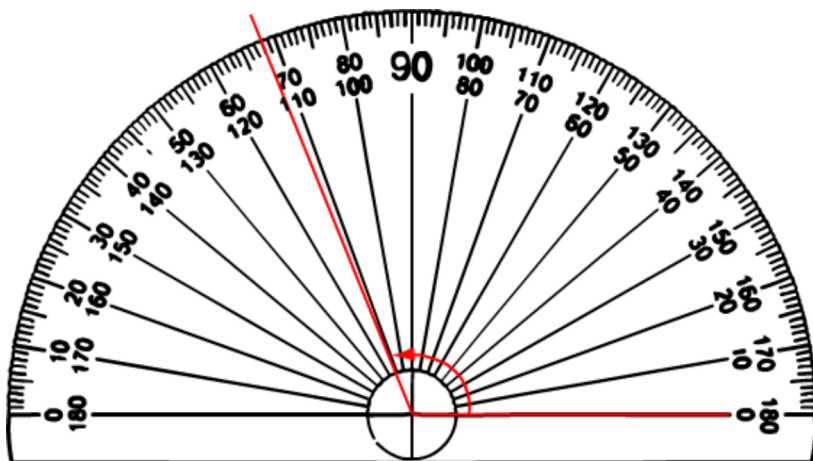
What is the size of the angle marked by the arrow?

Type the number of degrees in the box below.

Please type your answer here...

Submit

Flag this question to revisit later: ○

Previous   Next

YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test
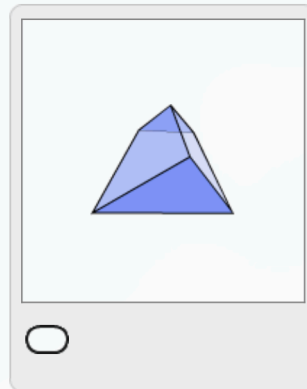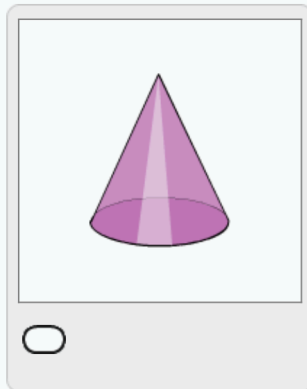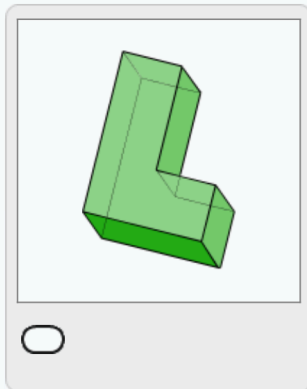
Time Allowed: 20min 00s
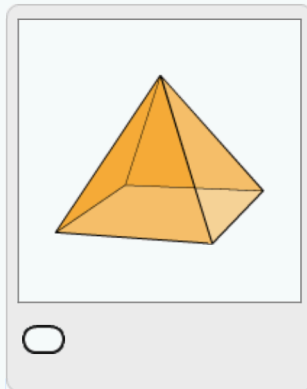Time Remaining: 18min 08s
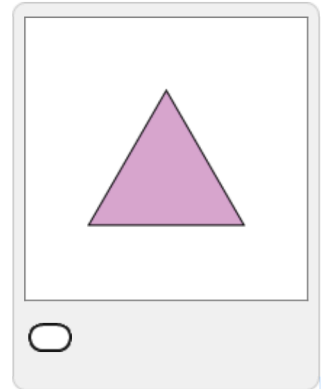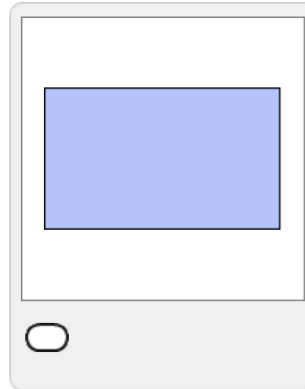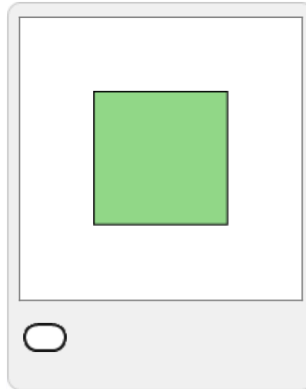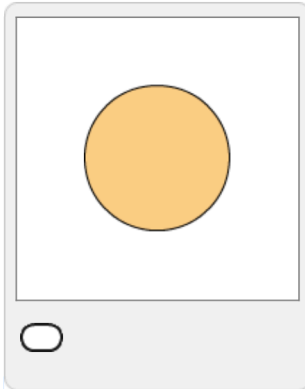
Finish Test

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

Question 3 of 16

Previous   Next

Which of the following has exactly two axes of symmetry?

○   ○   ○   ○

Flag this question to revisit later: ●

Previous   Next

YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test

Time Allowed: 20min 00s
Time Remaining: 18min 02s

Finish Test

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

Question 4 of 16

Previous   Next

Town A   Town B

25 mm

N

Scale: 1 cm = 20 km
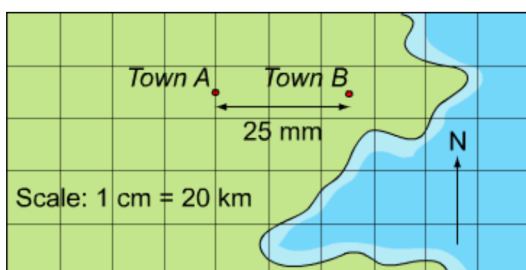
A map is drawn using a scale of 1 cm to represent 20 km.

What actual distance apart are two towns if the distance between them on the map is 25 mm?

Type the number of kilometres in the box below.
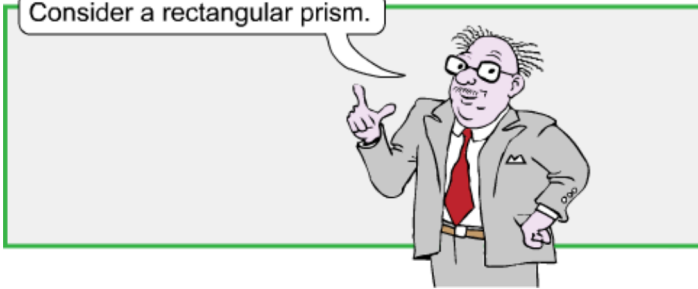
Please type your answer here...

Submit

Question 5 of 16

Consider a rectangular prism.

Which statement is correct?

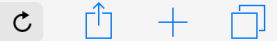| The number of faces plus the number of vertices = the number of edges + 2	The number of faces plus the number of edges = the number of vertices + 2	The number of faces plus the number of vertices = the number of edges − 2	The number of faces plus the number of edges = the number of vertices − 2
⬭	⬭	⬭	⬭

Flag this question to revisit later: ○

YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test

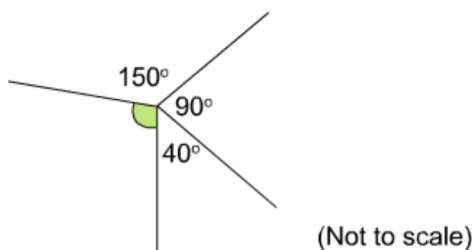Time Allowed: 20min 00s
Time Remaining: 17min 48s

Finish Test

Question 6 of 16

150°
90°
40°

(Not to scale)

What type of angle is the shaded angle?

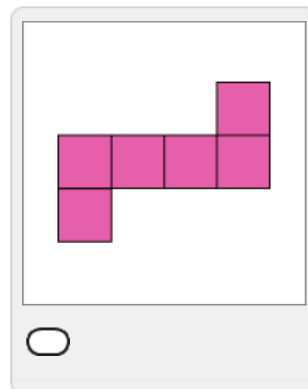| ○ acute	○ right	○ obtuse	○ reflex

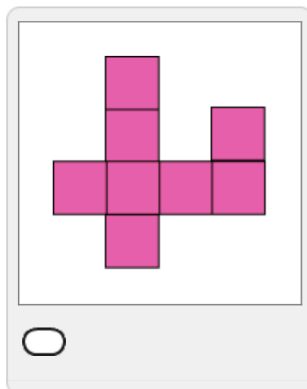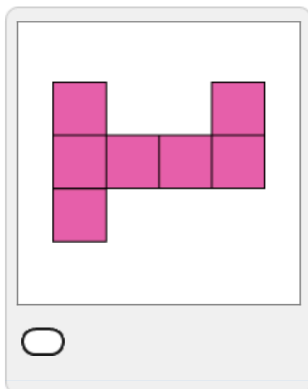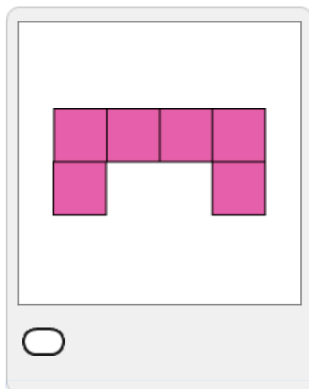*Flag this question to revisit later:* ○

Question 7 of 16

A solid has been built with nine identical blocks.
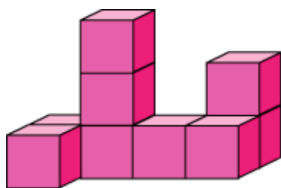
What is the view from the top?

○

○

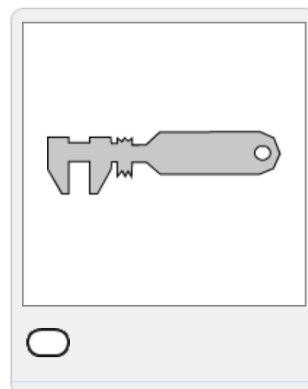

○

○

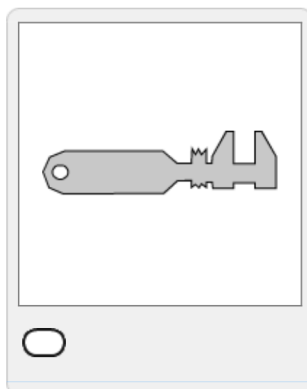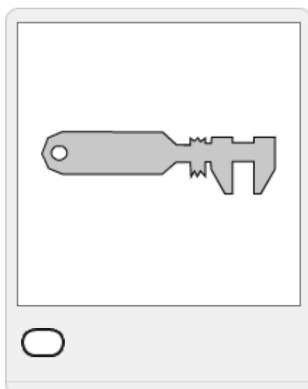*Flag this question to revisit later:* ○
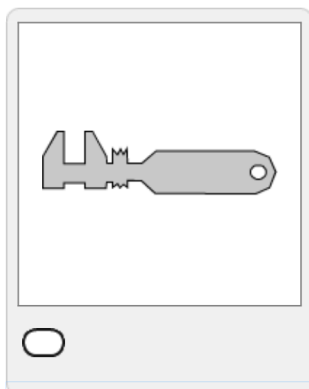
Question 8 of 16

This shape is flipped over the dotted line and then turned through 90° in a clockwise direction.

- - - - - - - - - - - - - -

Which could be the result?

○

○

○

○

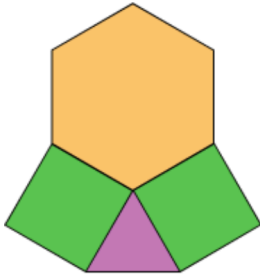*Flag this question to revisit later:* ○

The diagram shows a regular hexagon, two squares and an equilateral triangle that all meet at a point and leave no gaps around the point.

Which of these could meet at a point, leaving no gaps?

○ 2 squares and 2 equilateral triangles

○ 4 equilateral triangles and 1 rectangle

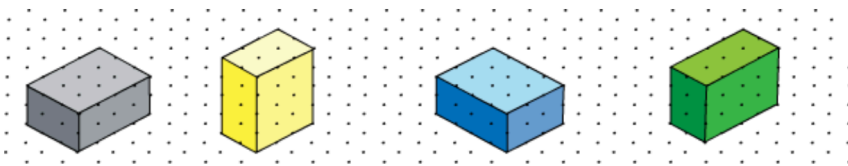○ 1 square, 1 rectangle and 3 equilateral triangles

○ 5 equilateral triangles

Question 10 of 16

Previous   Next

Four rectangular prisms have been drawn on isometric grid paper.

Which statement is correct?
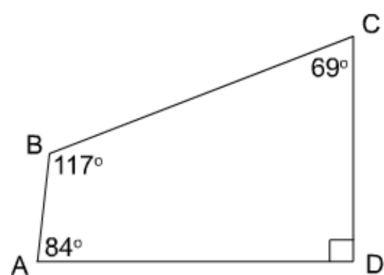
○ The green prism is different to the other three.

○ The yellow prism is the same as the green prism and these two are different to the other two.

○ The blue prism is the same as the grey prism and these two are different to the other two.

○ All the prisms are the same.

Question 11 of 16

What is the size of angle BCD?

84°	117°	69°	90°
⬭	⬭	⬭	⬭

Flag this question to revisit later: ⬭
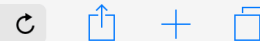
YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test

Time Allowed:	20min 00s
Time Remaining:	16min 57s

Finish Test

Question 12 of 16

This pattern appears in the tiles on Heidi's bathroom floor.

How many different types of shapes are used in the pattern?

⬭ 3	⬭ 4	⬭ 5	⬭ 6

Flag this question to revisit later: ⬭

YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test

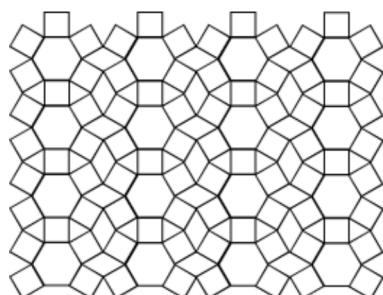Time Allowed: 20min 00s
Time Remaining: 16min 46s

Finish Test

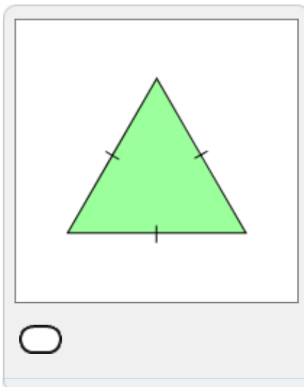### Question 13 of 16

Previous   Next

Johanna drew this map of her home town.

Which statement is **not** correct?

◯ The library is South-East of the school.

◯ The school is West of the park and North of the post office.

◯ Ridley Street is parallel to Orange Avenue.

◯ The post office is at the corner of Orange Avenue and Araluen Street.

Flag this question to revisit later: ◦   Previous   Next

YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test

Time Allowed: 20min 00s
Time Remaining: 16min 38s

Finish Test
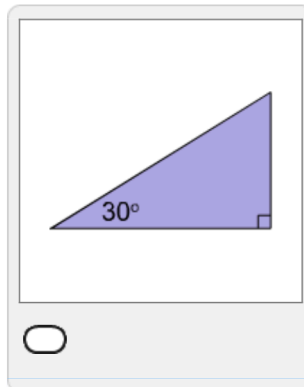
Question 14 of 16

Previous   Next

Which triangle does **not** have an angle of 60°?
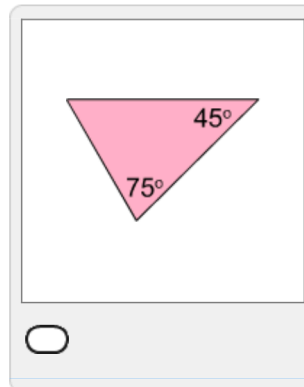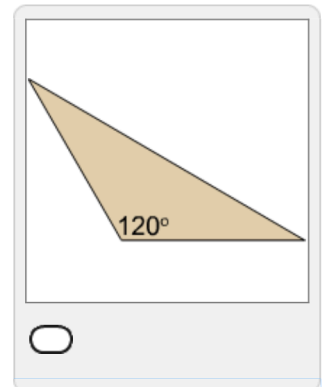
◯   ◯   ◯   ◯

Flag this question to revisit later: ◦   Previous   Next
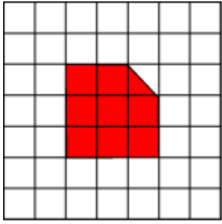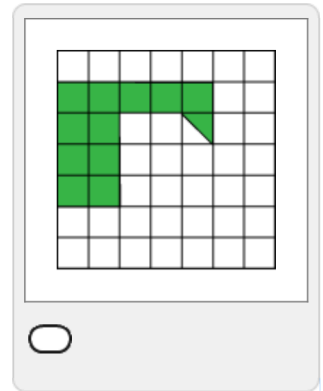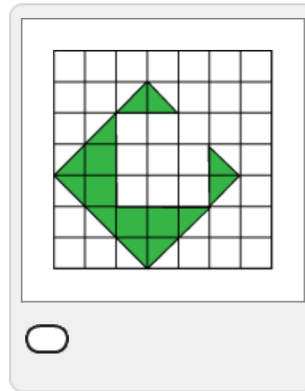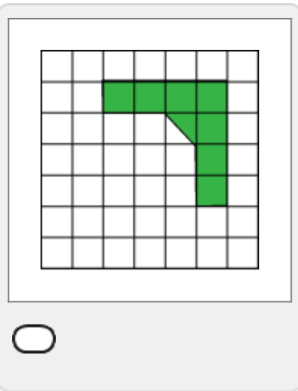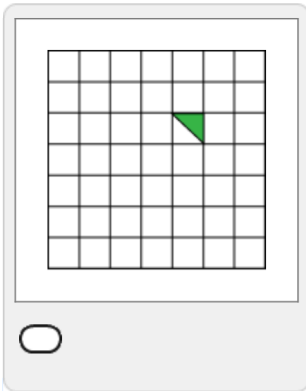
Question 15 of 16

Anjuli shaded this shape on grid paper.

She then shaded some more of the grid paper and made a square.

Which of the following could not be the extra shading Anjuli did?
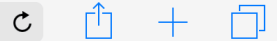
YEAR 7 Geometry Calculator Allowed Test 3
Numeracy Short Test
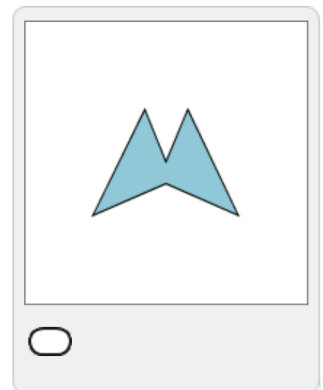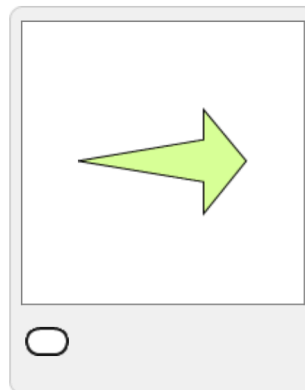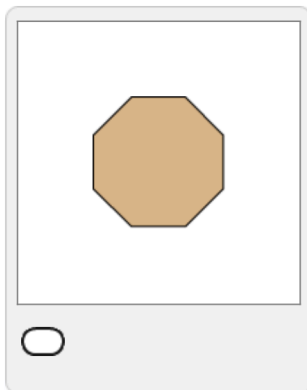
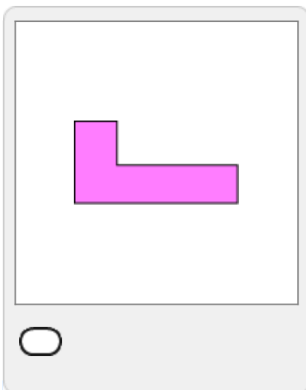| Time Allowed: | 20min 00s | |
| Time Remaining: | 16min 22s | **Finish Test** |

Question 16 of 16

Which is **not** a hexagon?

Flag this question to revisit later: ○