

YEAR 7 Geometry Non-calculator Test 2

Numeracy Short Test

Time Allowed: 20min
Time Remaining: 00s
19min 57s

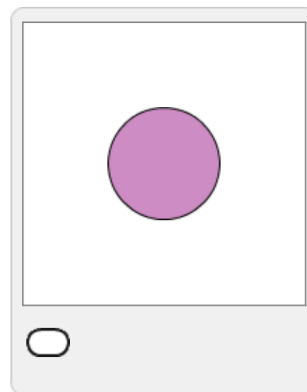
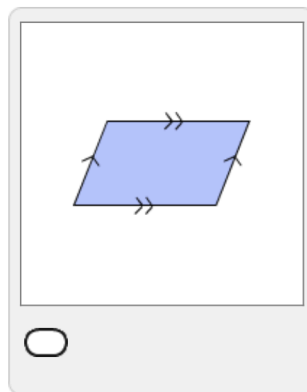
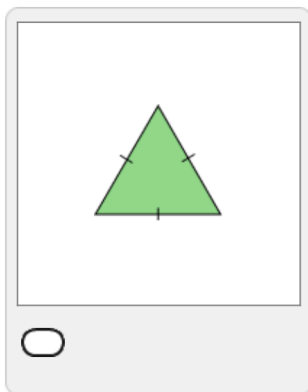
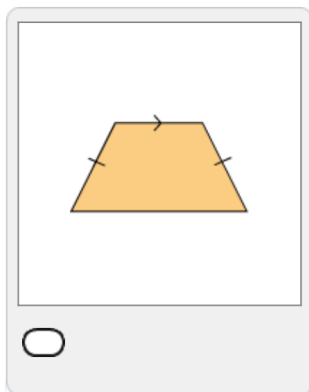
Finish Test

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

Question 1 of 16

Next

Which of the following shapes has exactly one axis of symmetry?



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19min 41s

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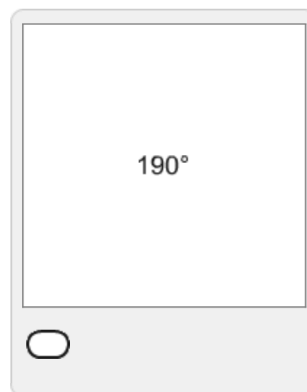
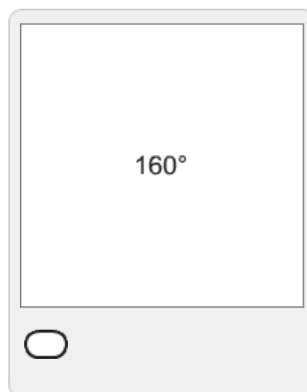
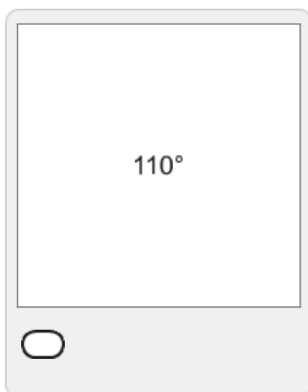
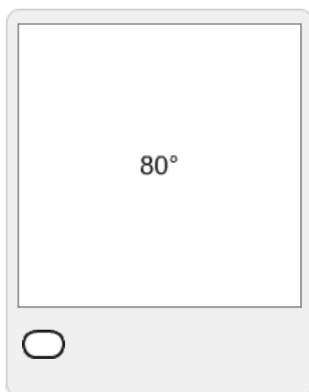
Question 2 of 16

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What is the best estimate of the size of this angle?



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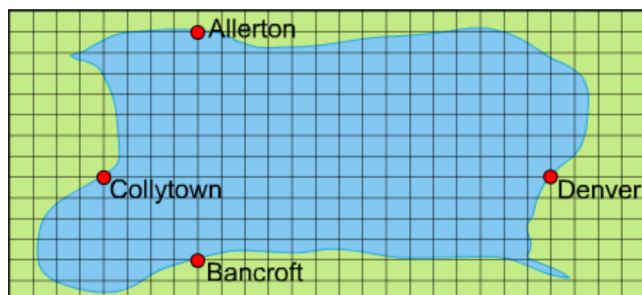
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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This is a map of Lake Mariah.



The shortest distance from Allerton to Bancroft is 22 km.

What is the shortest distance (in kilometres) from Collytown to Denver?

Please type your answer here...

Submit

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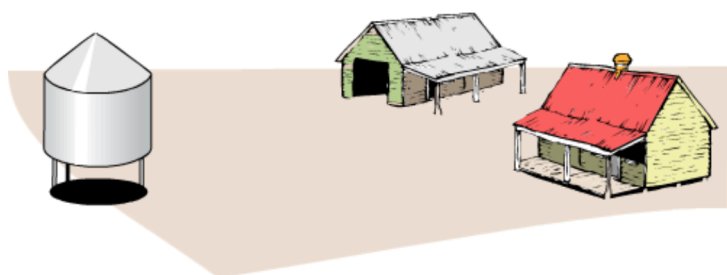
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A silo is used to store grain on a farm.



Which two solids are combined to form the silo?

☐ triangular pyramid and rectangular prism

☐ triangular pyramid and cylinder

☐ cone and rectangular prism

☐ cone and cylinder

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Time Remaining: 00s
19min 14s

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A 50-cent piece is an example of what type of polygon?

☐ octagon

☐ decagon

☐ dodecagon

☐ icosahedron

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Time Remaining: 00s
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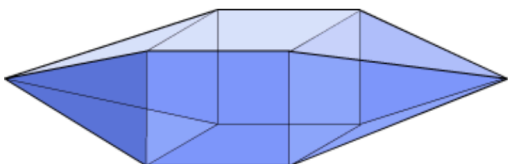
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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Jimmy has made a shape by gluing two rectangular pyramids to the ends of a rectangular prism.



How many faces does Jimmy's object have?

☐ 16

☐ 14

☐ 12

☐ 10

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Time Remaining: 00s 19min 01s

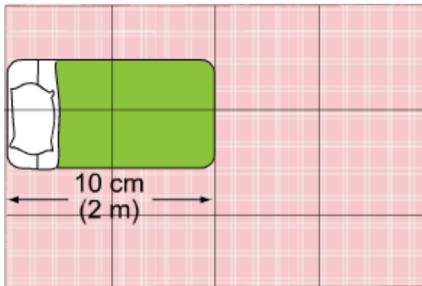
Finish Test

12345678910111213141516

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Jacob made a scale drawing of his room. Jacob's bed, which is actually 2 m long, appears in the drawing 10 cm long.

What scale is Jacob using?

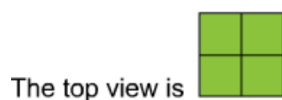
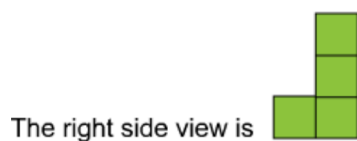
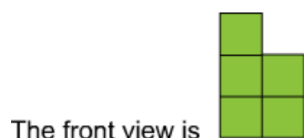
☐ 1:5

☐ 1:20

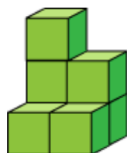
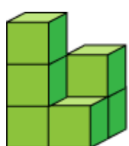
☐ 1:50

☐ 1:200

Aom created an object with building blocks. She has drawn three different views of the object.



Which could be the object Aom built?



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Time Allowed: 20min 00s

Time Remaining: 18min 43s

Finish Test

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Which diagram shows an acute-angled scalene triangle?

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Time Allowed: 20min 00s

Time Remaining: 18min 36s

Finish Test

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This figure is made up of a square, a rectangle and an equilateral triangle.

What is the value of x ?

Please type your answer here...

Submit

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Numeracy Short Test

Time Remaining:

26s

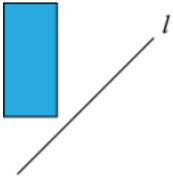
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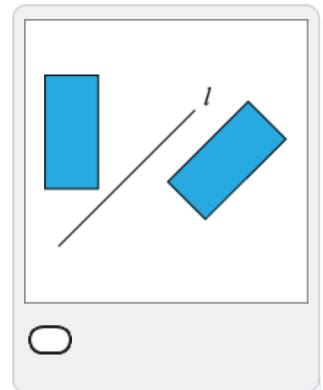
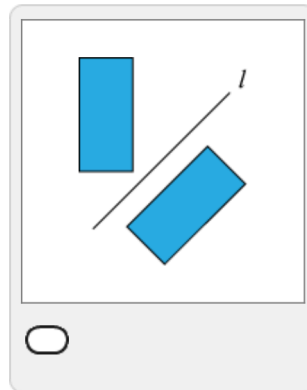
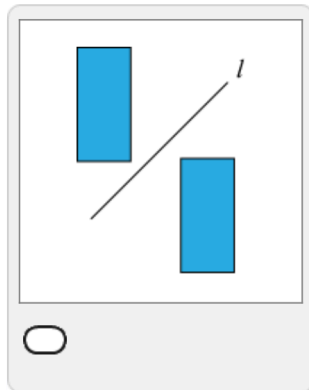
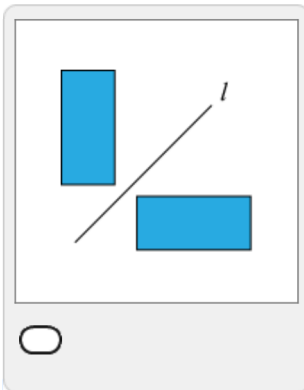
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This shape is reflected in the line l .



What is the result?



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Numeracy Short Test

Time Allowed:
Time Remaining:

20min
00s
18min
19s

Finish Test

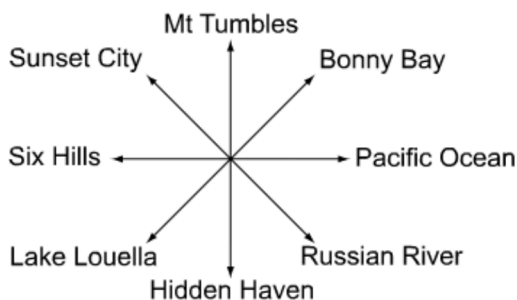
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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Elizabeth is at a lookout and notices the following diagram that shows the direction of certain geographical features. Elizabeth is facing Mt Tumbles, which is north of the lookout. Elizabeth turns through 135° in an anticlockwise direction to look at another feature.



In what direction is the feature that is now directly behind Elizabeth?

☐ North-East

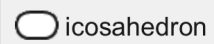
☐ North-West

☐ South-East

☐ South-West

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The diagram shows a seating plan for a lecture hall.

Front							
A1	A2	A3	A4	A5	A6	A7	A8
B1	B2	B3	B4	B5	B6	B7	B8
C1	C2	C3	C4	C5	C6	C7	C8
D1	D2	D3	D4	D5	D6	D7	D8
E1	E2	E3	E4	E5	E6	E7	E8
F1	F2	F3	F4	F5	F6	F7	F8
Back							

Henning enters the hall from the back and goes down the central aisle. He takes the first aisle on his right and he turns right at the end of that aisle. He sits in the closest seat in the second row.

What is the position of Henning's seat?

☐ B1

☐ E1

☐ E8

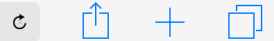
☐ B8

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17min 55s

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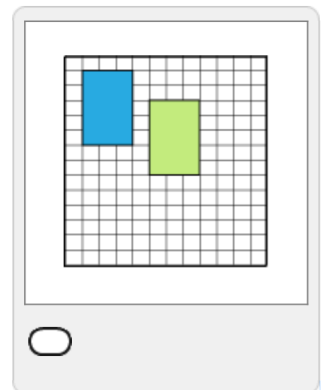
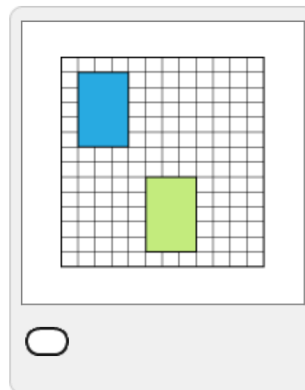
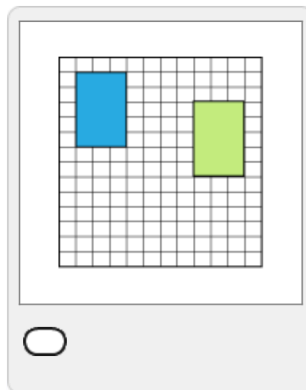
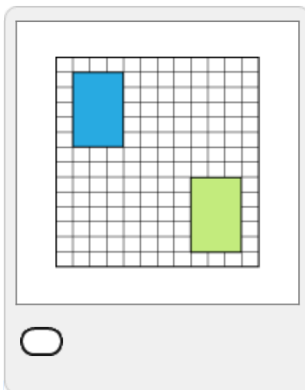
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In which diagram is the object moved four units to the right and two units down?



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