



ID:185

Name: \_\_\_\_\_

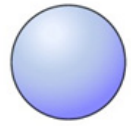
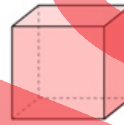
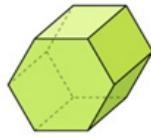
Pre-assessment mark:

Pre-assessment level:

Question 1

VCMMG142 - Level 3

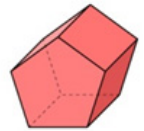
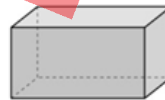
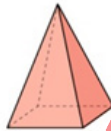
Which object is a cube?



Question 2

VCMMG142 - Level 3

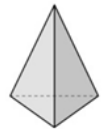
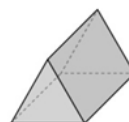
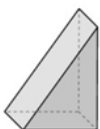
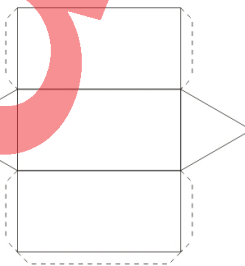
I am a three-dimensional object with 7 faces. Which object am I?



Question 3

VCMMG142 - Level 3

Which three-dimensional object will the net make when folded?

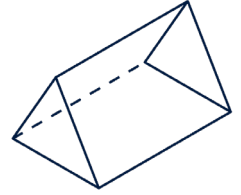
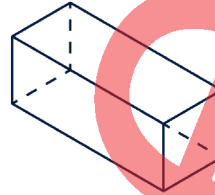
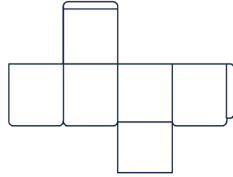
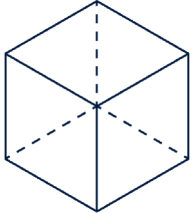




Question 4

VCMMG142 - Level 3

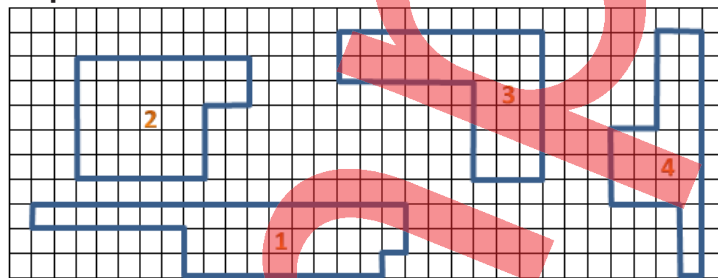
Which is two-dimensional?



Question 5

VCMMG169 - Level 4

What is the area of shape 3?



30 squares

32 squares

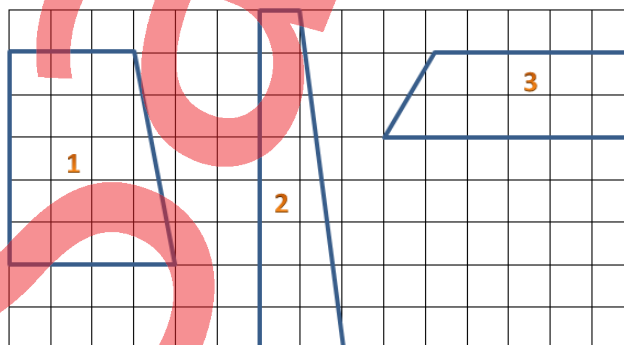
34 squares

36 squares

Question 6

VCMMG169 - Level 4

Which shape has an area of  $12 \text{ cm}^2$ ?



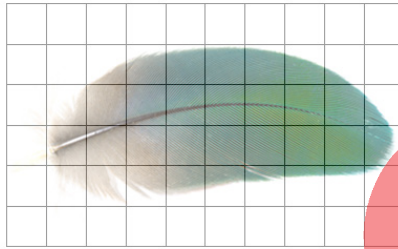
shape



#### Question 7

VCMMG169 - Level 4

Which is the closest estimate to the area of this feather?



26 cm<sup>2</sup>

32 cm<sup>2</sup>

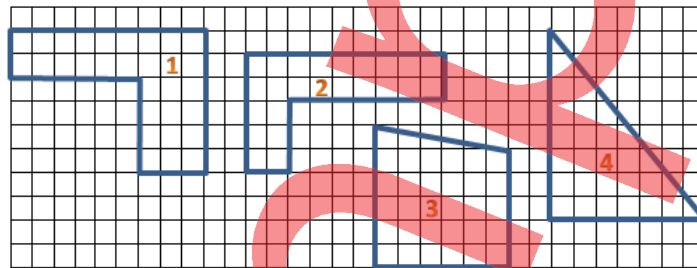
20 cm<sup>2</sup>

35 cm<sup>2</sup>

#### Question 8

VCMMG169 - Level 4

Which shape has the smallest area?



shape 1

shape 2

shape 3

shape 4

#### Question 9

VCMMG170 - Level 4

Which common shapes make up this composite shape?



1 rectangle and  
1 square

1 square and  
1 triangle

1 square and  
2 triangles

1 rectangle and  
1 triangle



Question 10

VCMMG170 - Level 4

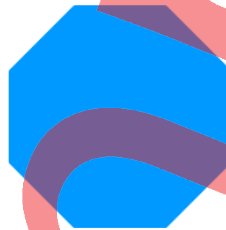
I am a shape that can be made up of 1 triangle and 1 rectangle. Which shape am I?



Question 11

VCMMG170 - Level 4

What is the least number of equal triangles that make up an octagon?



Question 12

VCMMG170 - Level 4

I have 2 triangles and 1 square. Which shape can they form?

triangle

circle

square

octagon



Question 13

VCMMG171 - Level 4

What is the name of this three-dimensional object?



cube

cylinder

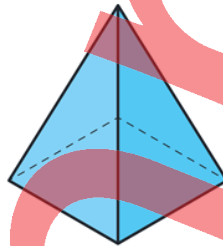
rectangular  
prism

sphere

Question 14

VCMMG171 - Level 4

Which 2-D shapes make up this 3-D object?



triangles,  
rectangles

square,  
triangles

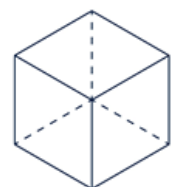
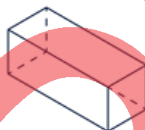
rectangles

triangles

Question 15

VCMMG171 - Level 4

I am 3-D object with a 2 square faces and 4 rectangular faces. Which object am I?

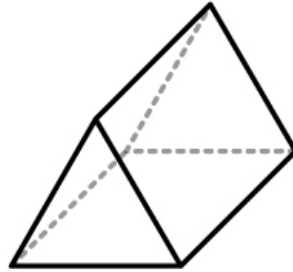




Question 16

VCMMG171 - Level 4

Count the number of 2-D faces that make up this 3-D object.



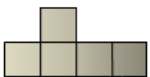
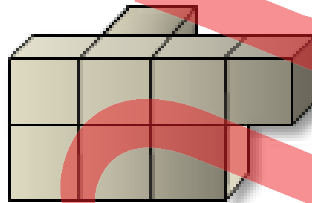
rectangular faces

triangular faces

Question 17

VCMMG198 - Level 5

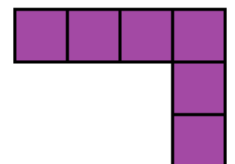
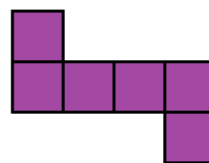
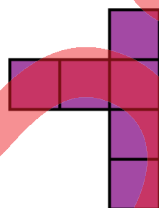
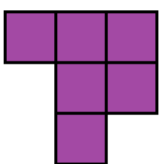
Which is the correct top view of the object?



Question 18

VCMMG198 - Level 5

Which net will form a closed three-dimensional object?

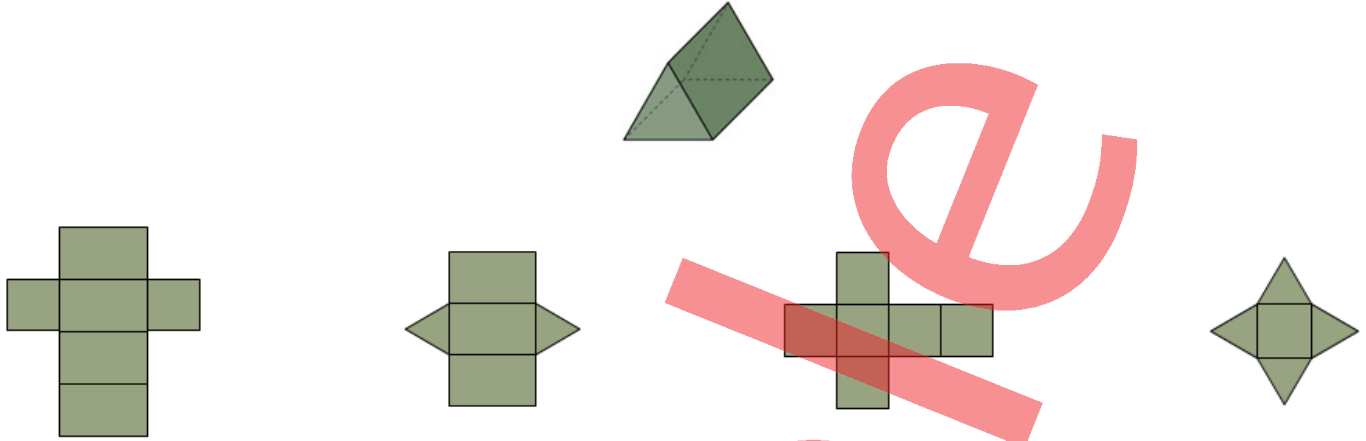




Question 19

VCMMG198- Level 5

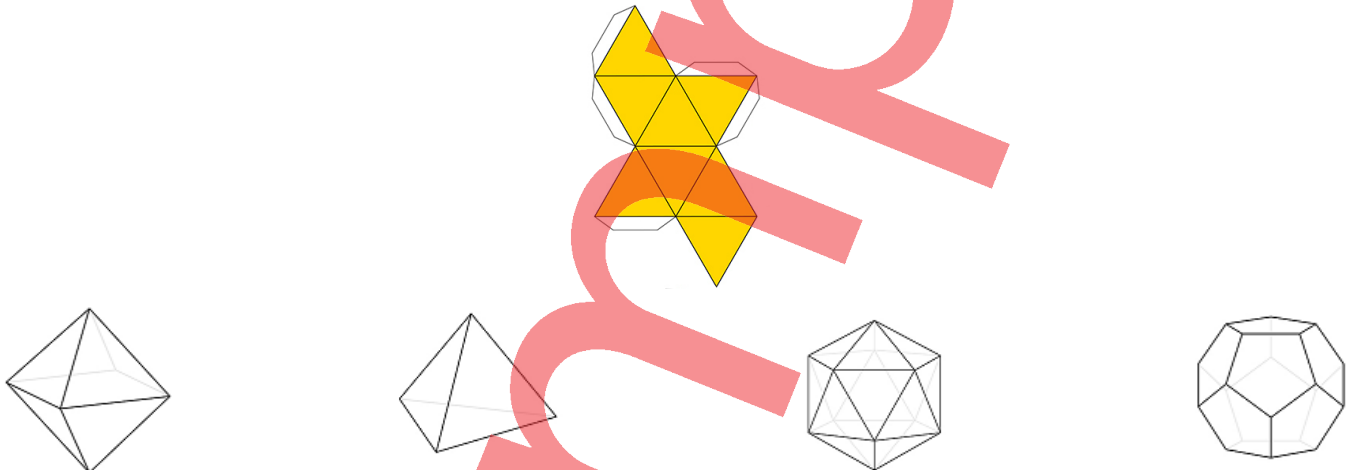
Which is the net for the object?



Question 20

VCMMG198 - Level 5

Which three-dimensional object can be made from this net?







### Teacher reference

\* 1 mark for each correct answer

Question	Sub-Strand	Victorian Curriculum	Content Description
1	Shape	Level 3	Make models of three-dimensional objects and describe key features (VCMMG142)
2	Shape	Level 3	Make models of three-dimensional objects and describe key features (VCMMG142)
3	Shape	Level 3	Make models of three-dimensional objects and describe key features (VCMMG142)
4	Shape	Level 3	Make models of three-dimensional objects and describe key features (VCMMG142)
5	Shape	Level 4	Compare the areas of regular and irregular shapes by informal means (VCMMG169)
6	Shape	Level 4	Compare the areas of regular and irregular shapes by informal means (VCMMG169)
7	Shape	Level 4	Compare the areas of regular and irregular shapes by informal means (VCMMG169)
8	Shape	Level 4	Compare the areas of regular and irregular shapes by informal means (VCMMG169)
9	Shape	Level 4	Compare and describe two dimensional shapes that result from combining and splitting common shapes, with and without the use of digital technologies (VCMMG170)
10	Shape	Level 4	Compare and describe two dimensional shapes that result from combining and splitting common shapes, with and without the use of digital technologies (VCMMG170)
11	Shape	Level 4	Compare and describe two dimensional shapes that result from combining and splitting common shapes, with and without the use of digital technologies (VCMMG170)
12	Shape	Level 4	Compare and describe two dimensional shapes that result from combining and splitting common shapes, with and without the use of digital technologies (VCMMG170)
13	Shape	Level 4	Explain and compare the geometric properties of two-dimensional shapes and three-dimensional objects (VCMMG171)
14	Shape	Level 4	Explain and compare the geometric properties of two-dimensional shapes and three-dimensional objects (VCMMG171)
15	Shape	Level 4	Explain and compare the geometric properties of two-dimensional shapes and three-dimensional objects (VCMMG171)





\* 1 mark for each correct answer

Question	Sub-Strand	Victorian Curriculum	Content Description
16	Shape	Level 4	Explain and compare the geometric properties of two-dimensional shapes and three-dimensional objects (VCMMG171)
17	Shape	Level 5	Connect three-dimensional objects with their nets and other two-dimensional representations (VCMMG198)
18	Shape	Level 5	Connect three-dimensional objects with their nets and other two-dimensional representations (VCMMG198)
19	Shape	Level 5	Connect three-dimensional objects with their nets and other two-dimensional representations (VCMMG198)
20	Shape	Level 5	Connect three-dimensional objects with their nets and other two-dimensional representations (VCMMG198)

Sample



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