

a Find the difference between 861 and 478.

b How many more is 482 than 161?

c What is the sum of 481 and 378?

D

The octagon is divided into equal sections.

Tick (✓) the expression which represents the grey part of the octagon.

$$\frac{1}{8} + \frac{2}{8} \quad \square$$

$$\frac{3}{8} + \frac{3}{8} \quad \square$$

$$\frac{7}{8} - \frac{2}{8} \quad \square$$

$$\frac{5}{8} - \frac{1}{8} \quad \square$$

E

Draw a circle round the calculations have an answer between 50 and 60.

$274 - 219$

$842 - 781$

$942 - 891$

Show your working.

F

Leo puts 4 seeds in each of his pots.

He uses 7 pots and has 2 seeds left over.

How many seeds did he start with?



G

The mass of a newborn elephant is 121 kilograms.

The mass of an adult man is 82 kilograms.

What is the difference between these two masses?

the missing number.

$$45 + \boxed{} = 100$$

$$56 + \square = 100$$

$$83 + \square = 100$$

$$\square + 67 = 100$$

$$\square + 87 = 100$$

$$\square + 147 = 500$$

$$341 - \square = 78$$

$$764 - \square = 157$$

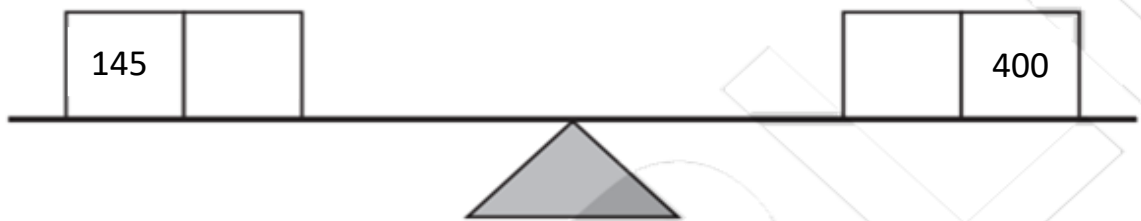
$$\square - 756 = 368$$

$$\square - 576 = 78$$

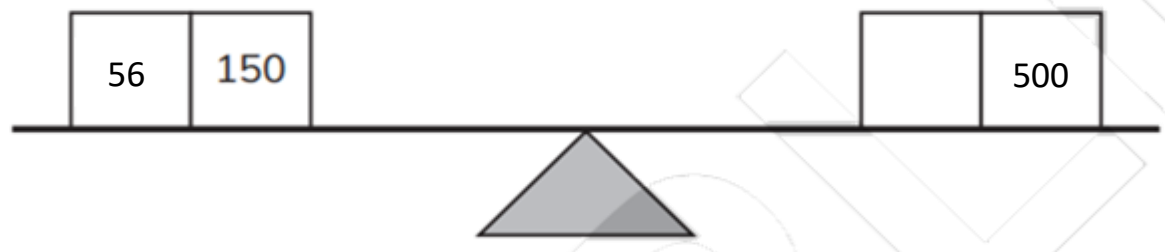
$$\square - 56 = 388$$

$$\square - 756 = 358$$

Write the missing number so that the scales balance.



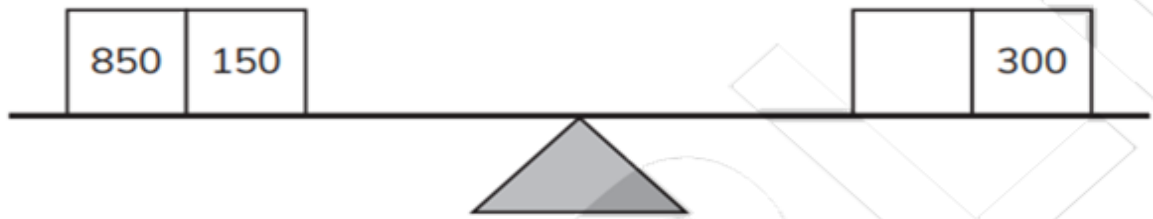
Write the missing number so that the scales balance.



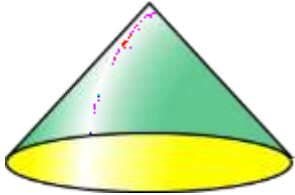
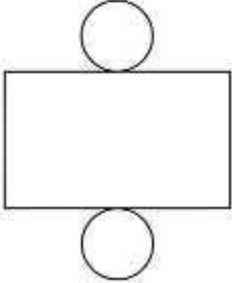
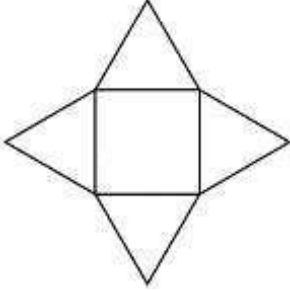
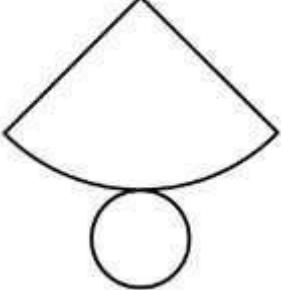
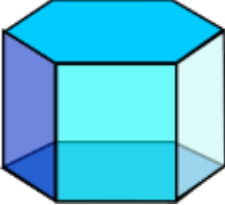
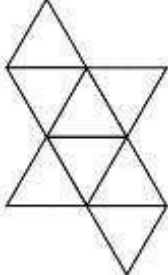
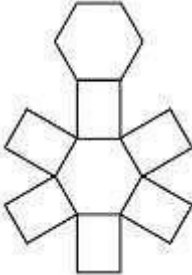
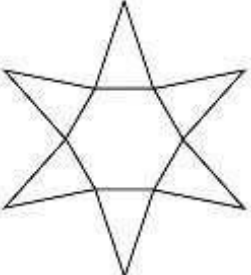
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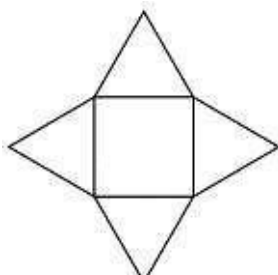
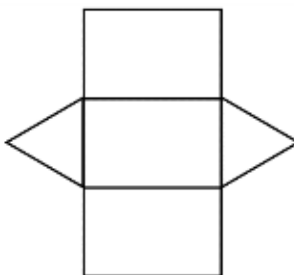
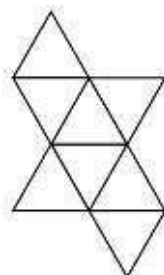
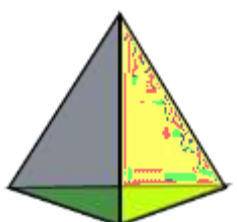
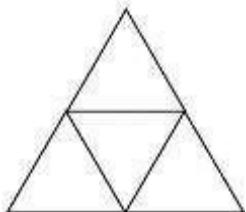
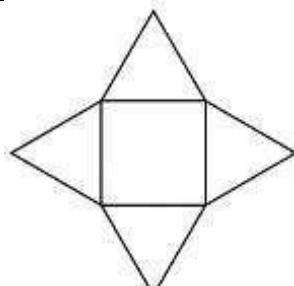
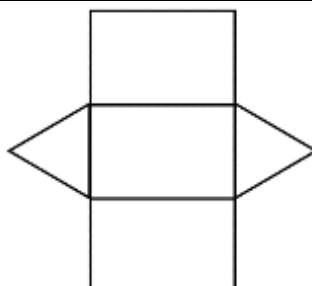

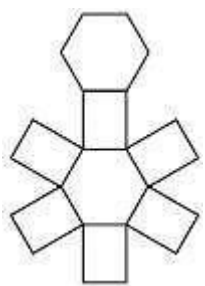
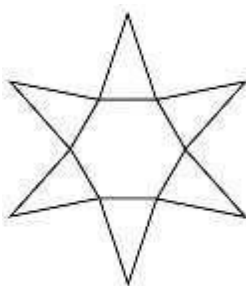
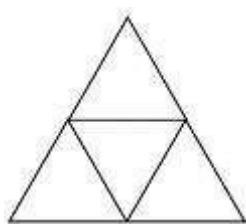


Write the missing number so that the scales balance.

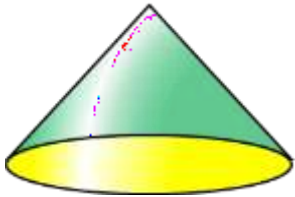
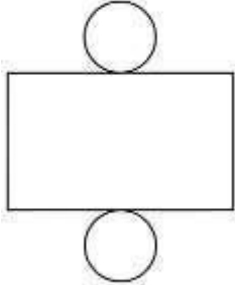
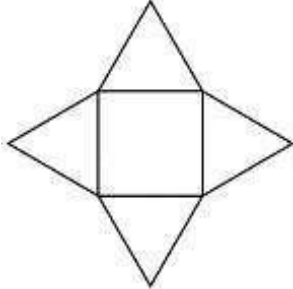
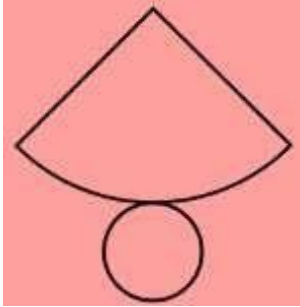
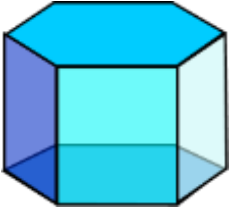
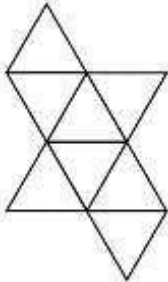
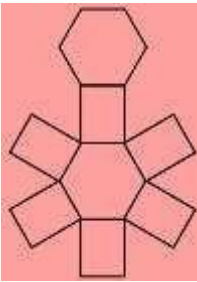
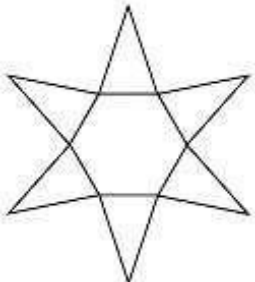
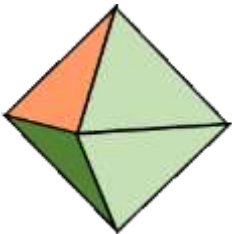
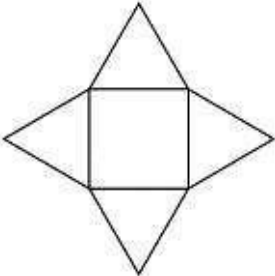
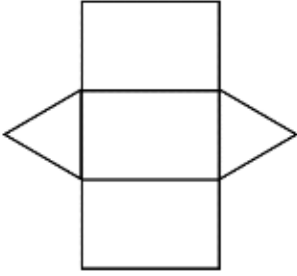
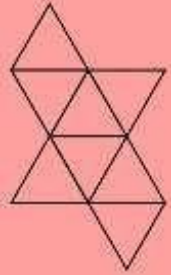
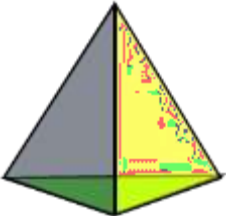
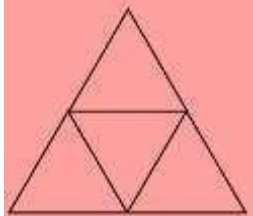
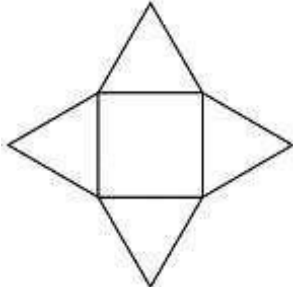
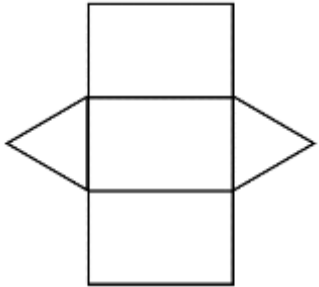
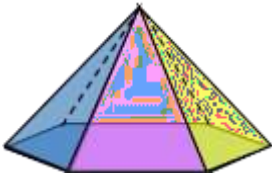
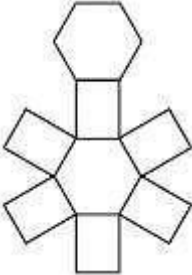
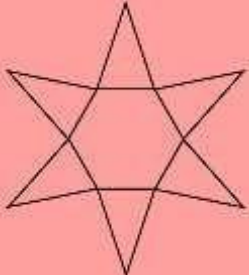
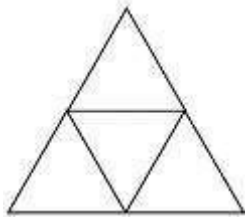


3d shape, shade the correct net.

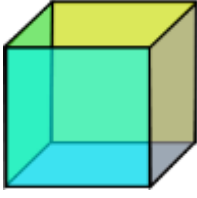
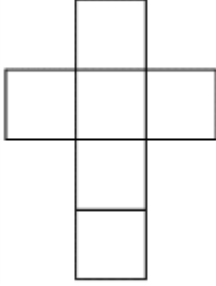
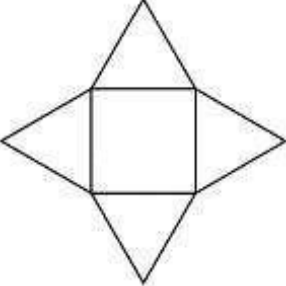
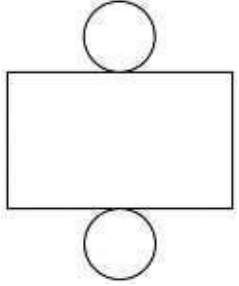
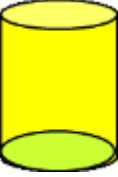
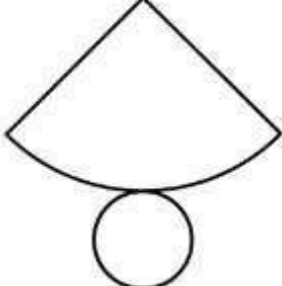
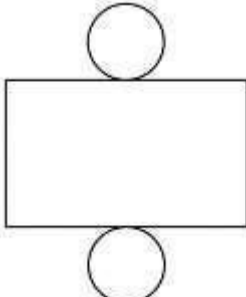
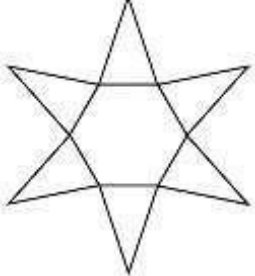
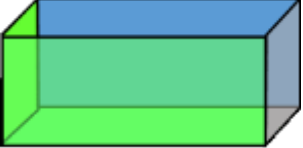
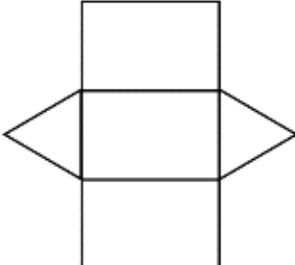
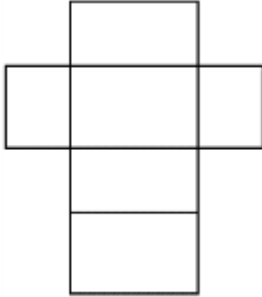
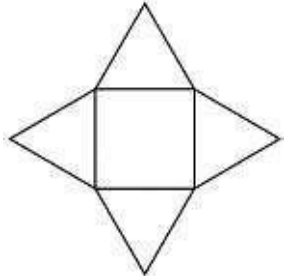
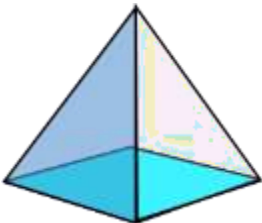
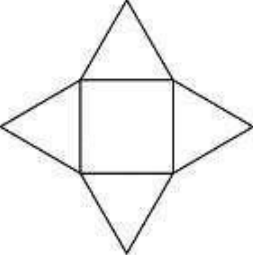
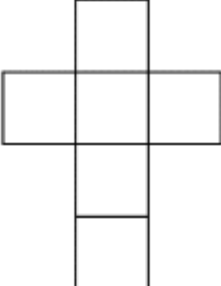
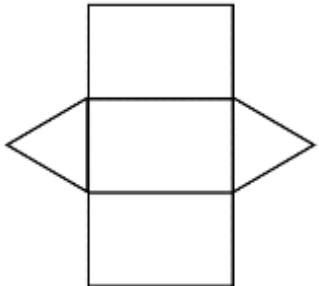
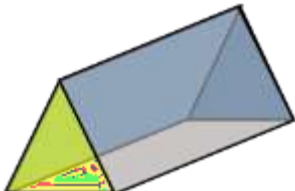
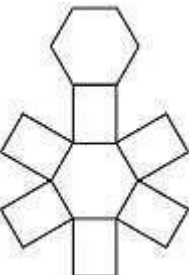
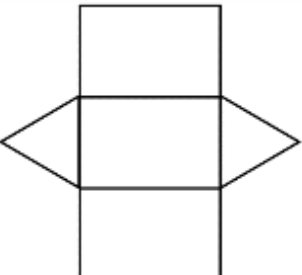
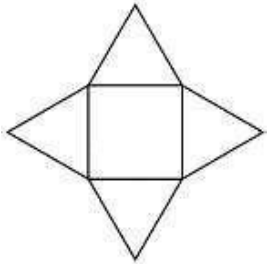
			
			

ANSWERS

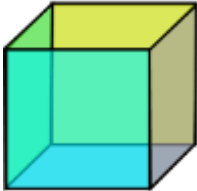
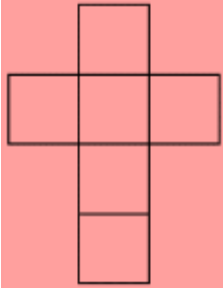
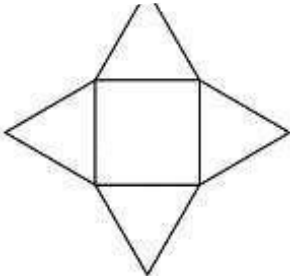
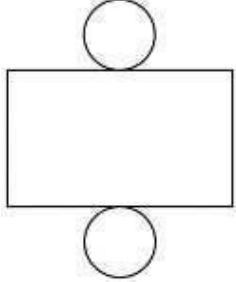
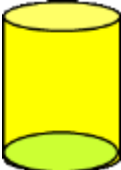
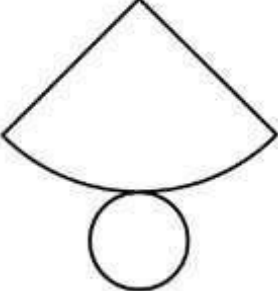
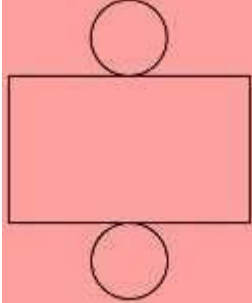
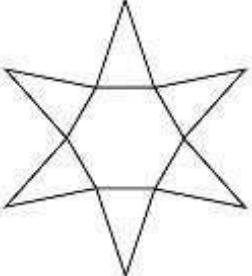
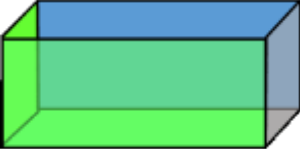
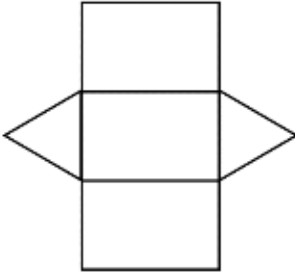
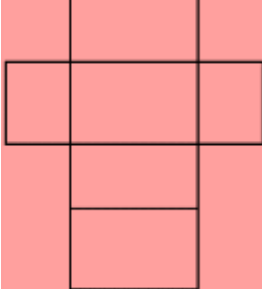
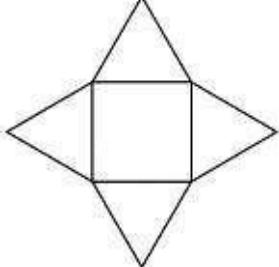
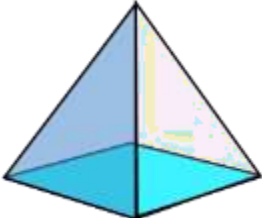
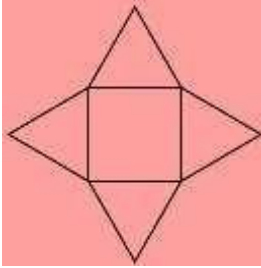
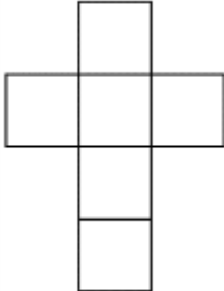
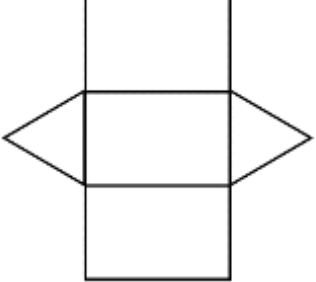
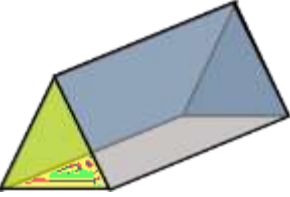
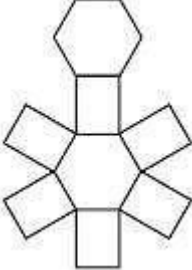
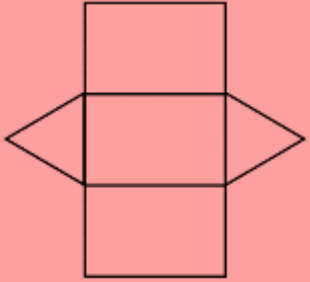
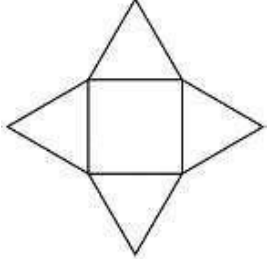
			
			
			
			
			

FIND THE NETS

Name

Date

3D Shapes Properties

The Shape	Faces	Edges	Vertices
Cube	6 square faces	12	8
Cuboid / Rectangular prism	6 rectangular faces	12	8
Sphere	1 curved face	0	0
Cone	2 faces: 1 curved face 1 flat face	1	1
Cylinder	3 faces: 1 curved face 2 flat faces	2	0
Triangular pyramid / Tetrahedron	4 triangular faces	6	4
Square based pyramid	5 faces: 4 triangular faces 1 square face	8	5

The Shape	Faces	Edges	Vertices
Triangular prism	5 faces: 2 triangular faces 3 rectangular faces	9	6
Pentagonal prism	7 faces: 5 rectangular faces 2 pentagonal faces	15	10
Hexagonal prism	8 faces: 6 rectangular faces 2 hexagonal faces	18	12
Octagonal based pyramid	9 faces: 8 triangular faces 1 octagonal face	16	9

Cube



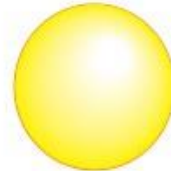
6 faces
12 edges
8 vertices

Cone



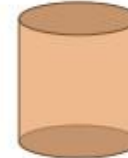
2 faces
1 edge
1 vertex

Sphere



1 face
0 edges
0 vertices

Cylinder



3 faces
2 edges
0 vertices

Rectangular Prism



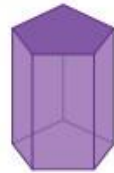
6 faces
12 edges
8 vertices

Triangular Prism



5 faces
9 edges
6 vertices

Pentagonal Prism



7 faces
15 edges
10 vertices

Hexagonal Prism



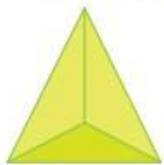
8 faces
18 edges
12 vertices

Square Pyramid



5 faces
8 edges
5 vertices

Triangular Pyramid



4 faces
6 edges
4 vertices

Rectangular Pyramid

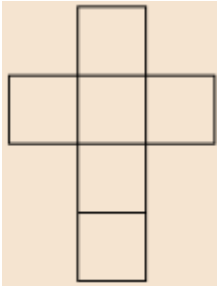


5 faces
8 edges
5 vertices

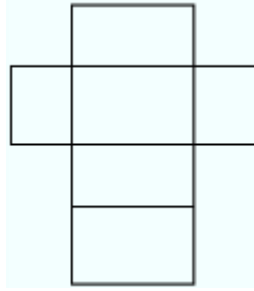
Pentagonal Pyramid



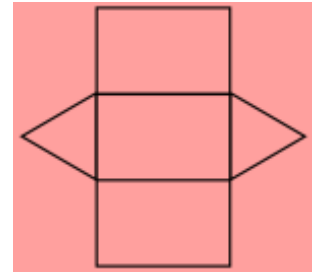
6 faces
10 edges
6 vertices



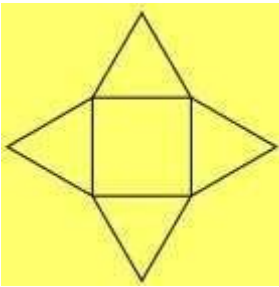
Cube
Faces: 6
Edges: 12
Vertices: 8



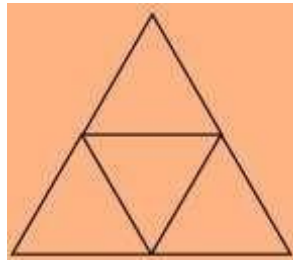
Cuboid
Faces: 6
Edges: 12
Vertices: 8



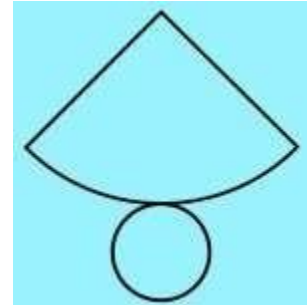
Triangular Prism
Faces: 5
Edges: 9
Vertices: 6



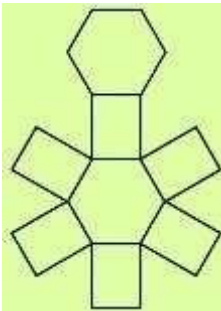
Square-based Pyramid
Faces: 5
Edges: 8
Vertices: 5



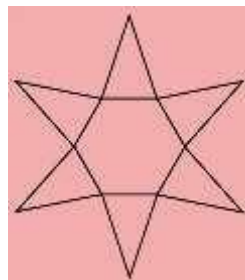
Tetrahedron
(Triangular-based Pyramid)
Faces: 4
Edges: 6
Vertices: 4



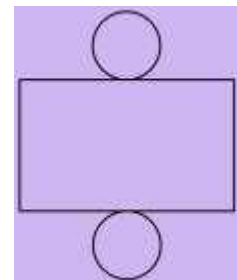
Cone
Faces: 2
Edges: 1
Vertices: 0 or 1



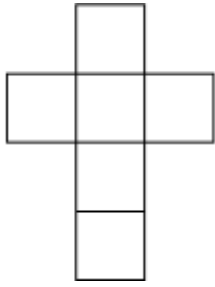
Hexagonal Prism
Faces: 8
Edges: 18
Vertices: 12



Hexagonal Pyramid
Faces: 7
Edges: 12
Vertices: 7

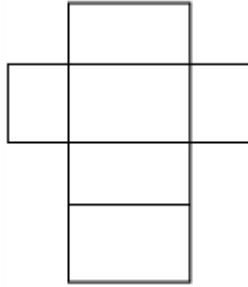


Cylinder
Faces: 3
Edges: 2
Vertices: 0



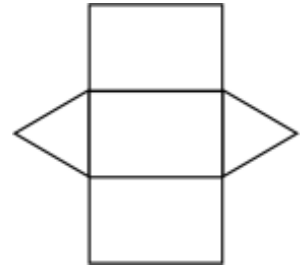
Name

Faces:
Edges:
Vertices:



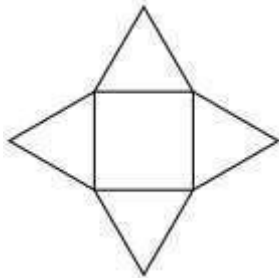
Name

Faces:
Edges:
Vertices:



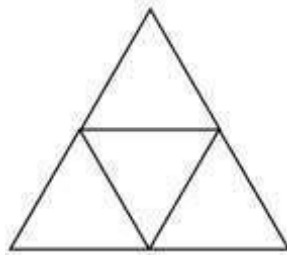
Name

Faces:
Edges:
Vertices:



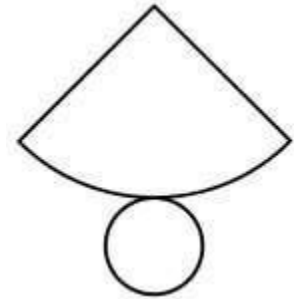
Name

Faces:
Edges:
Vertices:



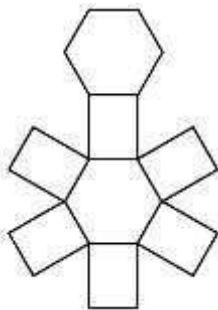
Name

Faces:
Edges:
Vertices:



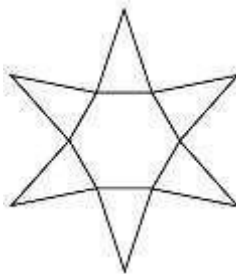
Name

Faces:
Edges:
Vertices:



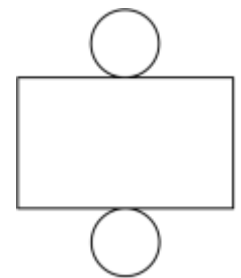
Name

Faces:
Edges:
Vertices:



Name

Faces:
Edges:
Vertices:




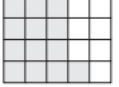
Name

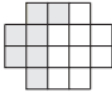
Faces:
Edges:
Vertices:





Making a Whole

1) $\frac{4}{8}$ and _____ make a whole 

2) $\frac{13}{20}$ and _____ make a whole 

3) _____ and $\frac{7}{16}$ make a whole 

4) _____ and $\frac{6}{10}$ make a whole 

5) $\frac{3}{6}$ and _____ make a whole 

6) $\frac{3}{4}$ and _____ make a whole 

Circle two fractions in each set that together make a whole.

1) $\frac{10}{18}$ $\frac{5}{18}$ $\frac{13}{18}$ $\frac{9}{18}$

2) $\frac{9}{14}$ $\frac{4}{14}$ $\frac{8}{14}$ $\frac{5}{14}$

3) $\frac{7}{9}$ $\frac{3}{9}$ $\frac{2}{9}$ $\frac{8}{9}$

4) $\frac{7}{10}$ $\frac{6}{10}$ $\frac{4}{10}$ $\frac{5}{10}$

5) $\frac{4}{13}$ $\frac{12}{13}$ $\frac{5}{13}$ $\frac{1}{13}$

6) $\frac{15}{19}$ $\frac{4}{19}$ $\frac{11}{19}$ $\frac{7}{19}$