Year 6 Home Learning – Maths Week 6

Arithmetic Practice – Set a 5 minute timer to complete the 5 questions in each section. You don't have to do all 25 questions in 5 minutes! You can do one section per day or do all at once – but make sure you set your timer for 25 minutes instead! If you have forgotten a method, let me know and I will create a short video to help you remember!

A

1. $\frac{1}{7} + \frac{3}{7} = \frac{4}{7}$
2. 43.34 + 4.894 = 48.234
3. 76.4 – 21.2 = 55.2
4. 5 x 6 x 5 = 150
5. 683 x 7 = 4,781

B

1. $\frac{1}{3} + \frac{1}{6} = \frac{3}{6}\ or\ \frac{1}{2}$
2. 41,322 – 18,573 = 22, 749
3. 8 x 3 x 3 = 72
4. 89.43 – 13.12 = 76.31
5. 37 x 78 = 2,886

C

1. 87 ÷ 100 = 0.87
2. 5 x 6 x 5 = 150
3. 86.49 – 17.9 = 68.59
4. $\frac{1}{5} + \frac{4}{15} = \frac{7}{15}$
5. 3,842 ÷ 5 = 768 r2

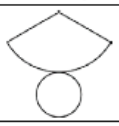
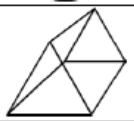
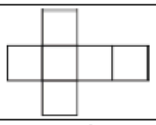
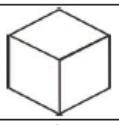
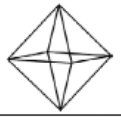
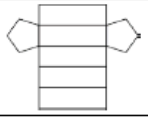
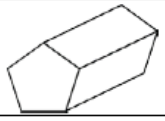
D

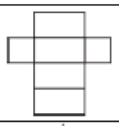
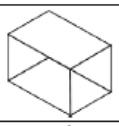
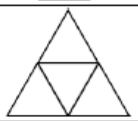
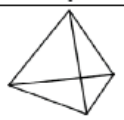
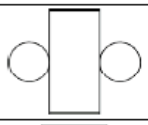
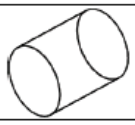
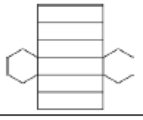
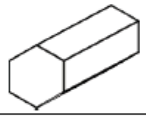
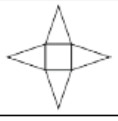
1. $\frac{2}{9} + \frac{1}{3} = \frac{5}{9}$
2. 3 x 0 x 9 = 0
3. 76.4 – 13.2 = 63.2
4. 76.39 – 13.2 = 63.19
5. 8,473 + 12,987 = 21,460

E

1. 800 - 290 = 510
2. 437 x 5 = 2,185
3. 6.394 – 2.13 = 4.264
4. $\frac{2}{7} + \frac{3}{14} = \frac{7}{14}\ or\ \frac{1}{2}$
5. 87,832 – 12,839 = 74,993

Lesson 1

Name	3D Shape	2D Shape Nets
Cone		
Triangular Prism		
Cube		
Octahedron		
Pentagonal Prism		

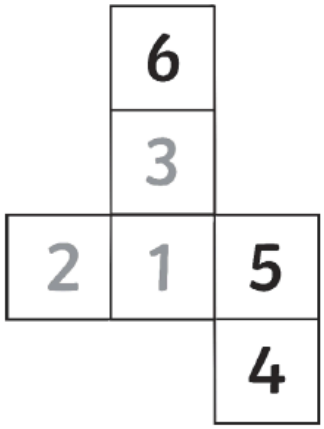
Name	3D Shape	2D Shape Nets
Cuboid		
Tetrahedron		
Cylinder		
Hexagonal Prism		
Square-based Pyramid		

Lesson 2

Question 1

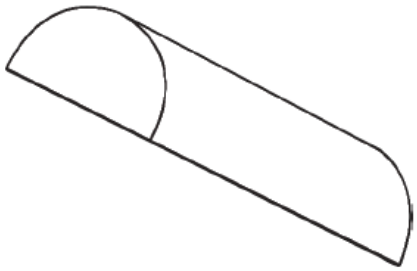
The opposite sides of a dice always add up to seven.

Add the missing numbers to this dice net.



Question 2

I slice a cylinder in half. Describe the properties of each half.



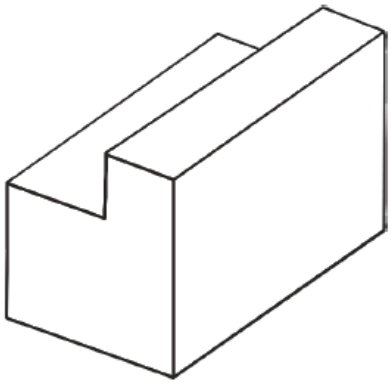
Number of faces: 4

Number of edges: 6

Numbers of vertices: 4

Question 3

How many edges does this 3D shape have?



Number of edges: 18