Y2
Remote Learning

ANSWER PACK

1ˢᵗ – 5ᵗʰ March 2021

Maths Answers

Lesson 1

Recognise 2D and 3D shapes

White Rose Maths

1. Match the shape to its name.

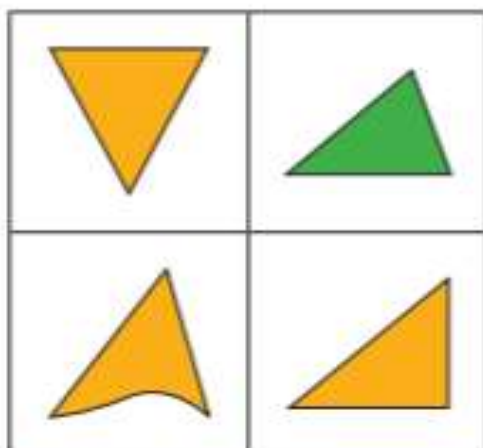| Shape	Name
green square	circle
pink circle	hexagon
teal rectangle	pentagon
purple triangle	square
orange pentagon	triangle
red hexagon	rectangle

② Match the shape to its name.
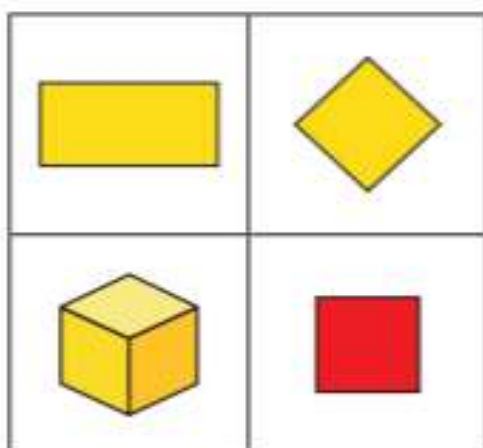

cuboid

triangular prism

cube

pyramid

sphere

cylinder

3 Which shape is the odd one out?
Tick your answer. Various answers.

Why did you choose this shape?

4 Which shape is the odd one out?
Tick your answer. Various answers.
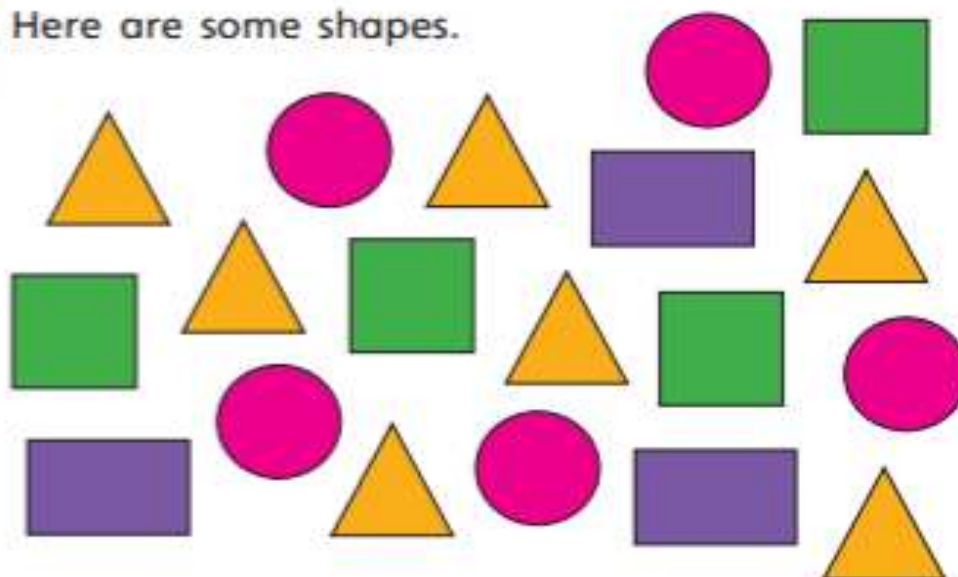

Compare answers with a partner.

Maths Answers- continued

Lesson 1

5 Here are some shapes.

Complete the tally chart to show the number of each shape.

Shape	Tally	Total
triangle	||||| ||	7
circle	|||||	5
square	||||	4
rectangle	|||	3

Work with a partner.

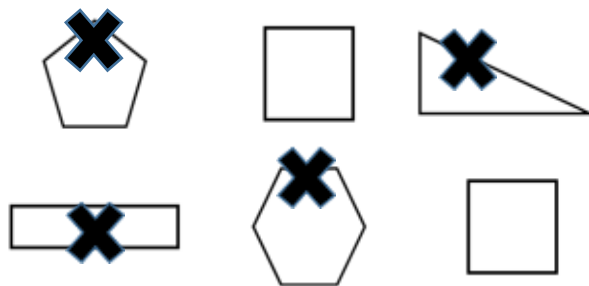Find shapes around your classroom and complete your own tally chart.

Maths Answers - Lesson 1

Red Task

1. A

2.

3.

4.
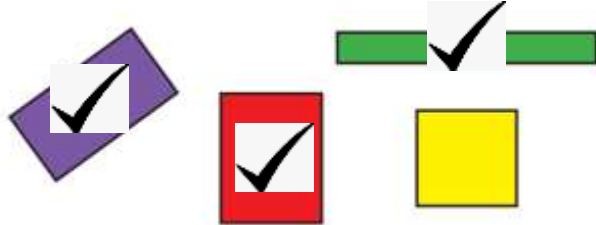
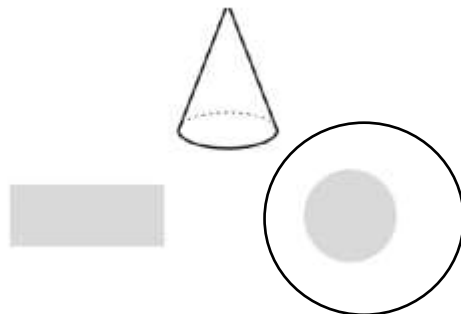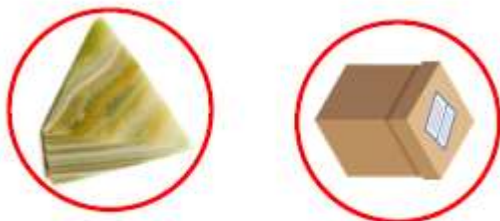Gold Task

1. Triangle and rectangle
2. A (cuboid) E (cube)
3. False- the first shape is a cube as all of the faces are the same shape, square.
4. A= circle

   B= sphere

   C= cuboid

   D= triangle

Deepen the moment

1.   All three could make this print because if we made a net of each of the shapes the net would include a rectangle shape.

2.   Both 3d shapes would have a square in the net.

Maths Answers- Lesson 2 (Blue task is practical)

Red Task

triangle   pentagon   square   hexagon   rectangle
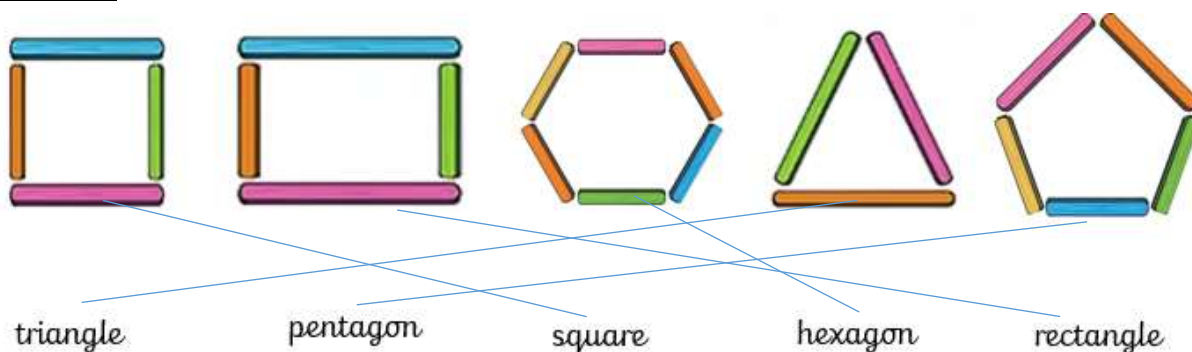
Gold Task

1. Possible shapes that could be made with 10 straws
   - square
   - rectangle
   - rhombus
   - diamond
   - pentagon
   - hexagon
   - heptagon
   - octagon
   - nonagon
   - decagon

2. No- because the sides on a circle are curved not straight.
3. Possible 4 sided shapes
   square
   rectangle
   rhombus
   diamond
   parallelogram

4. 10 sided shape- decagon

<u>Deepen the moment</u>

1. Evan is correct

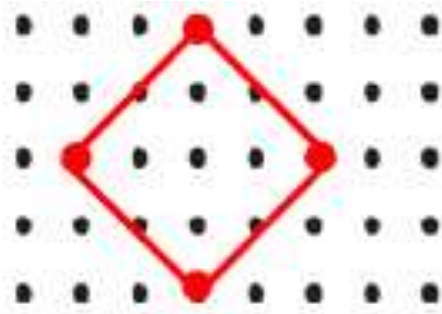2. Evan is incorrect-various answers, for example: Adding 3 more dots would create a shape with 5 vertices (pentagon). A rectangle needs 4 dots (vertices) in total.

Maths Answers

Lesson 3

Count sides on 2D shapes

White Rose Maths

1 Complete the sentences to describe the shapes.

a)

A pentagon has $\boxed{5}$ sides.

b)

A triangle has $\boxed{3}$ sides.

c)

A __square__ has $\boxed{4}$ sides.

d)

A __hexagon__ has $\boxed{6}$ sides.

2 Tick the 4-sided shapes.

Did your partner tick the same shapes?

3 Tick the 6-sided shapes.

Compare answers with a partner.

4 Complete the table.

Name	Shape	Number of sides
rectangle		4
triangle		3
pentagon		5
hexagon		6
square		4
octagon		8
hexagon		6

Maths Answers

Lesson 3-continued

5

This shape is a triangle.

Is Amir correct? ___No___

How do you know?

6 Use 15 lolly sticks to make three shapes.

Draw your shapes.

e.g.

Did your partner make the same shapes?

What happens if you use more or fewer lolly sticks?

Maths Answers

Lesson 3

Red Task

1. C and circle

2. No –they are all triangles.

3. Various answers –any 2d shape other than a triangle.

4.

Shape	Straight Sides	Curved Sides
A.	0	1
B.	4	0

Gold Task

1. Joe is incorrect but they are hexagons not octagons, octagons have 8 sides.

2. C and D – they are both semi circles.

3. A-because it is a triangle and has 3 sides and the other shapes are pentagons and have 5 sides.

4. 2 octagons have the most number of sides. 2 octagons = 16 sides, 2 hexagons =12 sides, 5 semi circles = 10 sides, 3 triangles = 9 sides.

Deepen the moment

1. Seth is incorrect. Triangles have 3 straight sides, the shape in the middle ha 2 straight sides and 1 curved side.

Count vertices on 2D shapes

White Rose Maths

1 Complete the sentences to describe the shapes.

a)

A pentagon has $\boxed{5}$ vertices.

b)

A triangle has $\boxed{3}$ vertices.

c)

A __square__ has $\boxed{4}$ vertices.

d)

A __hexagon__ has $\boxed{6}$ vertices.

Maths Answers Lesson 4 - continued

2 Tick the shapes with 4 vertices.

Red triangle ☐

Orange rectangle ☑

Purple arrow ☑

Green L-shape ☐

Yellow triangle ☐

Pink square ☑
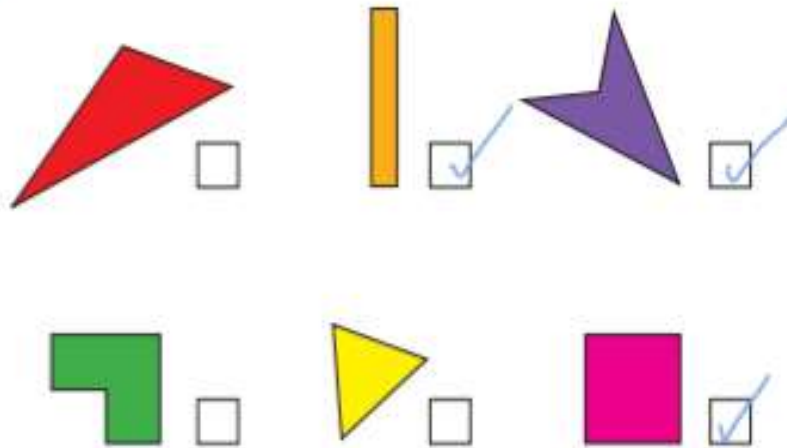
Compare answers with a partner.

3 Tick the shapes with 6 vertices.

Orange hexagon ☑

Purple pentagon ☐

Pink shape ☑

Blue shape ☑

Green star ☐

Yellow shape ☐
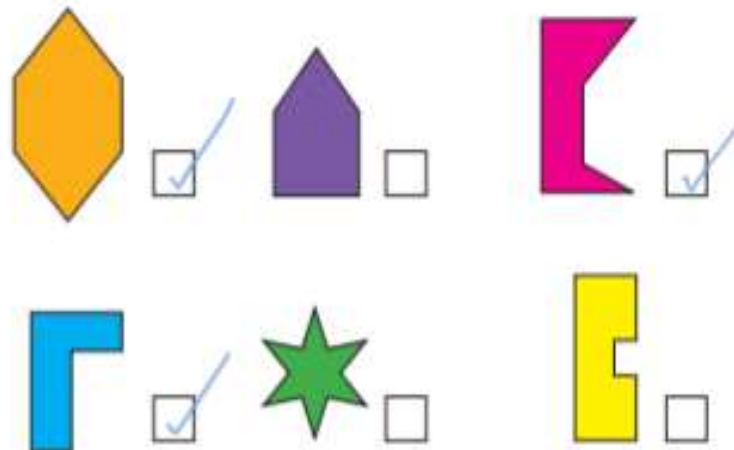
Talk to a partner about your answers.

4 How many vertices does each shape have?

a) 5

b) 8

c) 12

d) 6

e) 10

f) 6

How did you count the vertices?

Maths Answers Lesson 4 - continued

5

My shape has more vertices than a triangle, but fewer than a hexagon.

What shape could Ron have? _e.g. square_

Compare answers with a partner.

6 Rosie is making a pattern out of shapes.

a) How many vertices are in each term of her pattern?

4	7	11

b) What do you notice?

c) How many vertices will the next term have?

14

d) Create your own pattern with shapes.

Count the number of vertices in each term.

Red Task

1. 4, 4, rectangle;
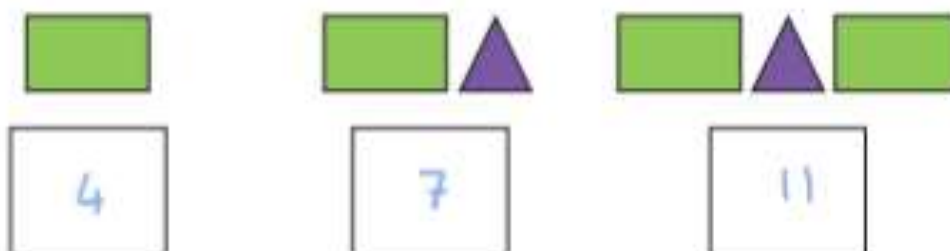   5, 5, pentagon
2. 6, 6, hexagon
   3, 3, triangle
3. Isaac has 3 + 4 + 0 = 7 vertices
   Joshua has 5 + 3 + 4 = 12
   vertices. Joshua has the most
   number of vertices.

Gold Task

1. Picture of a hexagon, 6, 6, hexagon
   Picture of octagon, 8, 8, octagon
2. Octagon
3. B
4. Cian=13
   Jal = 12

Deepen the moment

Kim is incorrect. 2 hexagons = 12 vertices in total, plus 1 triangle
= 3 vertices. 12 + 3 = 15 altogether.

1. 15
2. 13
3. 78
4. 7
5. 27
6. 56
7. 8
8. 71
9. 8
10. 52
11. 8
12. 30
13. 10
14. 10
15. 24
16. 9

Deepen the moment

Question Number	Question	Related fact(s)
14	$2 \times 5 = 10$	$5 \times 2 = 10$ $10 \div 2 = 5$ $10 \div 5 = 2$
15	$4 \times 6 = 24$	$6 \times 4 = 24$ $24 \div 6 = 4$ $24 \div 4 = 6$
16	$18 \div 2 = 9$	$18 \div 9 = 2$ $2 \times 9 = 19$ $9 \times 2 = 18$

English Answers – Lesson 1

1. A bike with two wheels is the best kind of bike!
2. The park.
3. Fall off the bike.
4. Any one of the following:
   Fast, faster, flying
5. To ride a bike.
6. Like a bird

English Answers - Lesson 2

Can you create expanded noun phrases to match these pictures?

1.Child's own answers _____

Reading for Productivity Answers

Reading for Productivity Lesson 1 – Music

1. Music and dance
2. Any **two** of the following:
   - Weddings
   - Birthdays
   - Baptisms
   - Holidays
   - Festivals
3. Percussion
4. Hit with the hand
5. False
6. To be liked or admired.

Reading for Productivity lesson 2- Fairtrade

1. Food and clothes
2. 120 countries
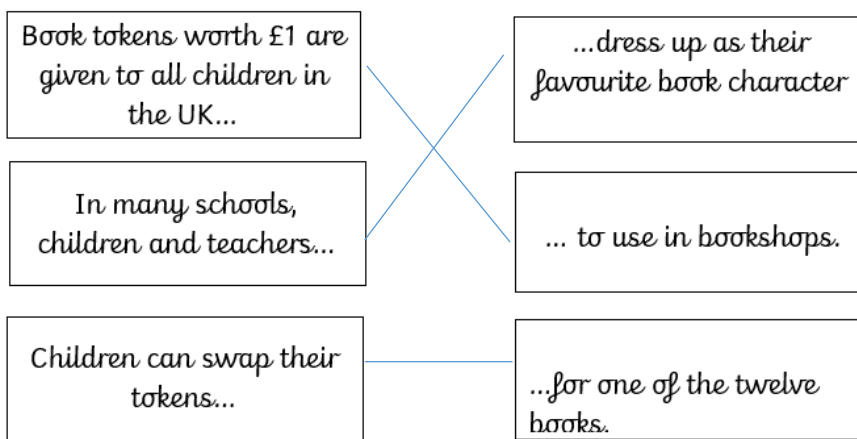3. Crops can be regrown year, after year.
4. Buy
5. False

Reading for Productivity Lesson 3 - Science

1. Wood, Stone, Oil or Wool
2. Wood
3. Able to withstand wear, pressure or damage. Very hard wearing
4. Possible answers: water bottles, toys, cups, packaging
5. By melting limestone and sand at a high temperature
6. Recycled

Reading for Productivity Lesson 4 - World Book Day

1. Authors and reading
2.

Book tokens worth £1 are given to all children in the UK...	...dress up as their favourite book character
In many schools, children and teachers...	... to use in bookshops.
Children can swap their tokens...	...for one of the twelve books.

3. A person or an animal in a book
4. Specially written
5. 1995

Reading for Productivity lesson 5 - Art

1. Moscow, Russia.
2. Claude Monet and how he used colour in his paintings.
3. 1922
4. Chid's own answers- starting with a dot suggests anyone can be artistic and interpret art in their own way.

Year 1 Answer Pack