First day of summer (20 to 22 June)

The first day of summer is often marked with the longest day of the year. This day is called the 'Summer Solstice'. The word 'solstice' comes from the Latin words 'sol' meaning sun and 'stitium' meaning still or stopped. While this is considered the first day of summer in the Northern Hemisphere, it is the first day of winter in the Southern Hemisphere.

Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1. Which shape has: 4 sides, 1 line of symmetry, 2 acute and 2 obtuse angles, with 1 pair of parallel lines?

2. The angle that is more than 90° but less than 180° is called the __ angle.

3. A straight line that runs from the top of the page to the bottom of the page is a __ line.

4. A cylinder has 2 circular faces and one __ surface.

5. What is another way of saying a quarter turn? __ angle.

Did you know?

Other planets also have solstices. On Uranus, the summer solstice happens once every 84 years.

6. Where two perpendicular lines meet they make a __ angle.

7. Which shape has: 4 triangular faces and a square face, 5 vertices and 8 edges? Square-based __.

8. This shape has: 4 sides, 1 line of symmetry, 2 acute angles and 2 obtuse angles, and no parallel lines. Can you name it?

9. The angle that is less than 90° is called the __ angle.

10. Which shape has: 2 pairs of parallel lines, perpendicular lines, 4 right angles and 2 lines of symmetry?

11. A cone has one circular face and one __ surface.

A	B	C	D	E	F	G	H	I	J	K	L	M
acute	triangle	diagonal	cuboid	curved	side	circle	prism	obtuse	pentagon	angle	cone	vertical
N	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
hexagon	vertex	square	pyramid	rectangle	right	trapezium	kite	horizontal	cylinder	parallel	apex	cube

Where do maths teachers like to go on holiday?

__ __ __ __ __   __ __ __ __ __ __
1 2 3 4 5   6 7 8 9 10 11

THIRD SPACE LEARNING

1. Which shape has: 4 sides, 1 line of symmetry, 2 acute and 2 obtuse angles, with 1 pair of parallel lines? — trapezium — **T**

2. The angle that is more than 90° but less than 180° is called the __ angle. — obtuse — **I**

3. A straight line that runs from the top of the page to the bottom of the page is a __ line. — vertical — **M**

4. A cylinder has 2 circular faces and one __ surface. — curved — **E**

5. What is another way of saying a quarter turn? __ angle. — right — **S**

6. Where two perpendicular lines meet they make a __ angle. — right — **S**

7. Which shape has: 4 triangular faces and a square face, 5 vertices and 8 edges? Square-based __ — pyramid — **Q**

8. This shape has: 4 sides, 1 line of symmetry, 2 acute angles and 2 obtuse angles, and no parallel lines. Can you name it? — kite — **U**

9. The angle that is less than 90° is called the __ angle. — acute — **A**

10. Which shape has: 2 pairs of parallel lines, perpendicular lines, 4 right angles and 2 lines of symmetry? — rectangle — **R**

11. A cone has one circular face and one __ surface. — curved — **E**

Where do maths teachers like to go on holiday?

Times Square.