National Space day (First Friday in May)

National Space Day is a day dedicated to the achievements, benefits and opportunities in the exploration of space. Without space exploration, many of the technologies we use today would not exist. In the 1990s, the technology to create a small camera (to fit in a spacecraft) with high scientific quality was developed. This technology is still used by a third of cameras in mobile phones.

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

1. How many right angles are on a straight line?

2. How many degrees are in 3 right angles?

3. How many degrees does each internal angle measure in a square?

4. How many rectangles are in the net of a triangular prism?

5. How many degrees are in a full turn?

Did you know?

In space, there is no air. This means that sound cannot travel in space as there is medium for it to travel through.

6. Two angles make up a straight line. One measures 130 degrees. What does the other measure (in degrees)?

7. In degrees, what is the sum of the internal angles of a quadrilateral?

8. In a triangle, two angles measure 95 and 45 degrees. How many degrees is the missing angle?

9. How many degrees are in a right angle?

10. In degrees, what is the sum of the internal angles of a triangle?

11. How many triangles are in the net of a square-based pyramid?

12. Two angles make a full turn. One measures 240 degrees. How many degrees is the other?

13. Turning clockwise, how many degrees are between North and West?

14. How many squares make up the net of a cube?

15. In degrees, what does each angle measure in an equilateral triangle?

16. How many degrees on a straight line?

17. In a quadrilateral, three angles measure 110, 70 and 20 degrees. How many degrees is the missing angle?

18. How many degrees are in a quarter turn?

A	B	C	D	E	F	G	H	I	J	K	L	M
360	60	200	6	180	20	170	3	270	10	5	160	240
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
50	120	8	140	4	40	90	7	130	2	210	150	9

How did the solar system hold up its trousers?

__ __ __ __   __ __   __ __ __ __ __ __ __ __   __ __ __ __
1 2 3 4   5 6   7 8 9 10 11 12 13 14   15 16 17 18

THIRD SPACE LEARNING

#	Question	Answer	Letter
1.	How many right angles are on a straight line?	2	W
2.	How many degrees are in 3 right angles?	270	I
3.	How many degrees does each internal angle measure in a square?	90	T
4.	How many rectangles are in the net of a triangular prism?	3	H
5.	How many degrees are in a full turn?	360	A
6.	Two angles make up a straight line. One measures 130 degrees. What does the other measure (in degrees)?	50	N
7.	In degrees, what is the sum of the internal angles of a quadrilateral?	360	A
8.	In a triangle, two angles measure 95 and 45 degrees. How many degrees is the missing angle?	40	S
9.	How many degrees are in a right angle?	90	T
10.	In degrees, what is the sum of the internal angles of a triangle?	180	E
11.	How many triangles are in the net of a square-based pyramid?	4	R
12.	Two angles make a full turn. One measures 240 degrees. How many degrees is the other?	120	O
13.	Turning clockwise, how many degrees are between North and West?	270	I
14.	How many squares make up the net of a cube?	6	D
15.	In degrees, what does each angle measure in an equilateral triangle?	60	B
16.	How many degrees on a straight line?	180	E
17.	In a quadrilateral, three angles measure 110, 70 and 20 degrees. How many degrees is the missing angle?	160	L
18.	How many degrees are in a quarter turn?	90	T

How did the solar system hold up its trousers?

With an asteroid belt.