Seven-up **

1. There are ——— vowels in this short sentence.

Which of the following options should replace "———" to make the sentence in the box true?

A twelve   B thirteen   C fourteen   D fifteen   E sixteen

2. Billy has three times as many llamas as lambs. Milly has twice as many lambs as llamas. They have 17 animals in total.

From these five options how many of the animals are llamas?

A 5   B 6   C 7   D 8   E 9

3. Marcus Absent goes to school only if there is an 's' in the name of the day. During the 13 complete weeks of last term, how many days did he go to school?

4. Hugh Boyd is making a cuboid out of centimetre cubes. It will measure 4cm x 3cm x 5cm when completed. So far Hugh has used 43 cubes. How many more cubes does he need to finish the cuboid?

5. Isobel is taller than Sarah. Emily is shorter than Isobel, but taller than Sarah. Alice is shorter than Rachel, but taller than both Emily and Isobel. Whose height is the middle for the group?

6. A bouncy ball is dropped from a height of 160 cm. It bounces twice and each time reaches three-quarters of its previous height. How high does it rise on the second bounce?

7. Chris Packitt did a survey of favourite flavours of crisps and drew a pie chart of the results. The sector of the chart representing "Cheese and Onion" had an angle of precisely 45°. Which of these options could not have been the total number of people in the survey?

A 16   B 20   C 32   D 64   E 96