

The children should demonstrate understanding that the value of a cubed should be the same as the value of b squared. Children may demonstrate strategies such as recording cubed and squared numbers systematically. Review where the errors may be:

- Understanding of the use of a and b.
- Understanding of the squared and cubed signs.
- Understanding of writing the value of A as 4 and not 64.

3) Write the formula to find the area of a rectangle and give an example of how it is used:

length x width

Children may demonstrate with an image of a rectangle with measurements and an example of the calculation they have used to work out the area. Or may write an explanation, giving example measurements for a rectangle and the calculation they perform to work out the area.





120, 60, 30, 15,

7.5

3.75

The children should demonstrate understanding that each number is halved every time in the sequence. Some children may write this algebraically such as: **n** ÷ 2

6) Natalia uses this formula to write a sequence of numbers. She starts with the number 2

 $n \times 2 + 1$

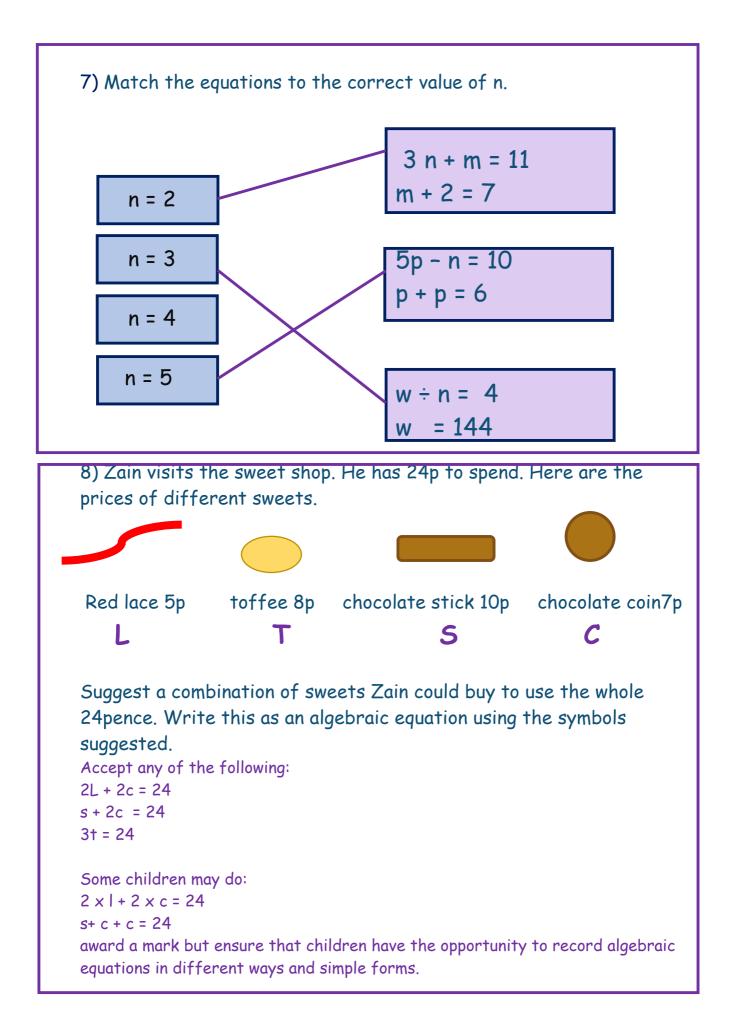
For example: $2 \times 2 + 1 = 5$

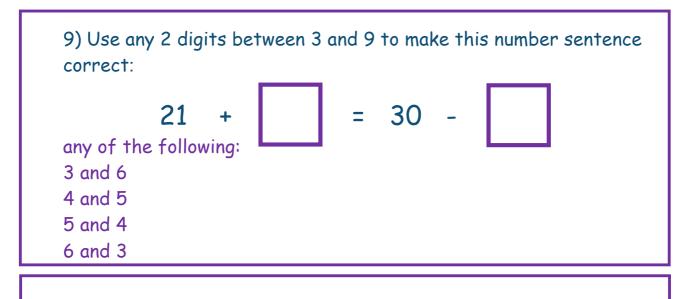
Work out what the 5th number in the sequence is?

Children should demonstrate understanding of how to use a formula to create a sequence of numbers. The children have been told that they are to start on 2, this being the first number and then been given the next number 5. The children are then to work out the next 3 numbers to find the answer.









10) Below is a product pyramid. Find the missing numbers

Assess the children's understanding of the word product and their understanding of finding the 3 possible amounts using the information that they have.

