



Maths Focus: Repeated addition; mental and written multiplication; mathematical thinking

Help-ful Hints: For each question, use each piece of information to solve part of the calculation. Ensure that you do your workings out as you go and draw pictures to help you visualise the tree branches and twigs if you get stuck.

Level I	Level 2	Level 3
Hannah noticed that she has lots of ladybirds in her garden and wanted to count how many spots she could see.	Hannah noticed that she has lots of flowers in her garden and wanted to count how many petals she could see. Use Hannah's information to help you.	Hannah noticed that she has lots of trees in her garden and wanted to count how many leaves she could see. Use Hannah's information to help you.
Use Hannah's information to help you.	I noticed that each flower has 10 petals	There are 5 trees in my garden Each tree has 8 branches on it Each branch has 20 twigs on it
I saw 5 ladybirds Each ladybird had 6 spots	There are 3 flowers in a plant pot There are 2 plant pots	<i>Each twig has 13 leaves on it</i> 1. How many <b>branches</b> are on <b>all 5 trees</b> ? 40
<ol> <li>How many spots did Hannah count altogether? 30</li> </ol>	1. How many <b>flowers</b> are there <b>altogether</b> ? 6	2. How many <b>twigs</b> are on <b>a trees</b> ? 160
	2. How many <b>petals</b> are in <b>each plant pot</b> ? 30	<ol> <li>How many leaves does each branch have?</li> <li>260</li> </ol>
	3. How many <b>petals</b> are there <b>altogether</b> ? 60	<ul> <li>4. How many leaves does each tree have? 2,080</li> <li>5. How many leaves are on are on all 5 trees? 10,400</li> </ul>