











Extension

<p>7a. Brad has 2,300 marbles. He puts them into ten piles. He then puts each pile into ten bags.</p> <p>Brad says,</p>  <p>There will be 23 marbles in each bag.</p> <p>Is he correct? Explain your answer.</p> <p> R</p>	<p>7b. Ollie has 5,600 football cards. He puts them into ten piles. He then shares the piles between 10 friends.</p> <p>Ollie says,</p>  <p>Each of my friends will get 560 football cards.</p> <p>Is he correct? Explain your answer.</p> <p> R</p>
<p>8a. Anya is thinking of a 4-digit number.</p>  <p>I divide the number by 10 and then divide the answer by 10 again. The final number is a multiple of 3 between 40 and 60.</p> <p>What number did I start with?</p> <p> PS</p>	<p>8b. Mina is thinking of a 4-digit number.</p>  <p>I divide the number by 10 and then divide the answer by 10 again. The final number is a multiple of 9 between 50 and 80.</p> <p>What number did I start with?</p> <p> PS</p>
<p>9a. A number divided by 10 and by 10 again equals this:</p> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center; margin: 10px 0;"> <p>5 tens and 13 ones</p> </div> <p>Lucy thinks the calculation must be: $6,300 \div 10 \div 10 = 630$</p> <p>Is she correct? Prove it.</p> <p> R</p>	<p>9b. A number divided by 10 and by 10 again equals this:</p> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center; margin: 10px 0;"> <p>2 tens and 28 ones</p> </div> <p>Dylan thinks the calculation must be: $4,800 \div 10 \div 10 = 48$</p> <p>Is he correct? Prove it.</p> <p> R</p>