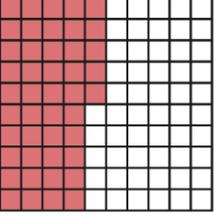
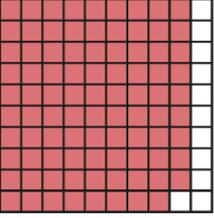
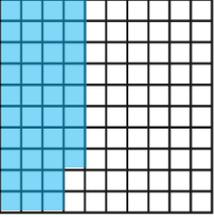
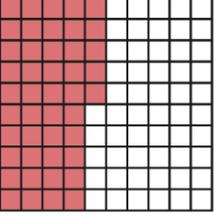
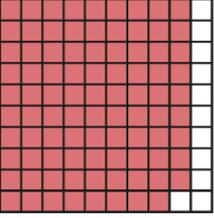
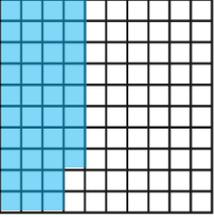
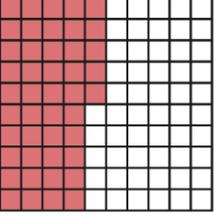
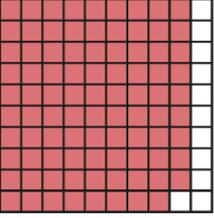
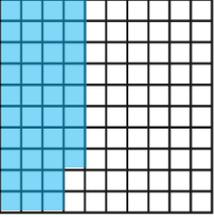
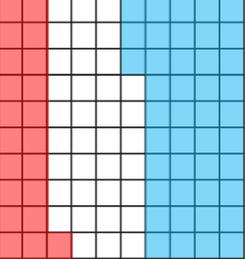
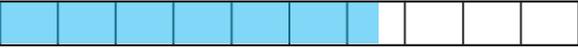


Question	Answer								
1	a) There are <b>8</b> parts out of a hundred shaded. This is <b>8%</b> . b) There are <b>37</b> parts out of a hundred shaded. This is <b>37%</b> . c) There are <b>81</b> parts out of a hundred shaded. This is <b>81%</b> .								
2	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Hundred square</th> <th style="width: 50%; text-align: center;">Percentage</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td style="text-align: center; vertical-align: middle;"><b>45%</b></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center; vertical-align: middle;"><b>89%</b></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center; vertical-align: middle;">38%</td> </tr> </tbody> </table>	Hundred square	Percentage		<b>45%</b>		<b>89%</b>		38%
Hundred square	Percentage								
	<b>45%</b>								
	<b>89%</b>								
	38%								
3	a), b)  c) 36%								
4	a) No The bar is divided into 10 equal parts, so each part is 10%. b) 40% 90% 25%								
5	a)  b) 								

**Y6 – Spring – Block 4 – Step 3 – Understand percentages Answers (continued)**

Question	Answer
6	<p>none of them    Ron's    Alex's    Amir's    <b>all of them</b></p> <p>They have all made 75 using difference methods. This works with percentages, as well as with standard numbers.</p>
7	<p>multiple possible answers, e.g.</p> <p>a) <math>4 \times 20\%</math>  <math>100\% - 20\%</math>  <math>50\% + 10\% + 10\% + 10\%</math></p> <p>b) <math>60\% + 5\%</math>  <math>50\% + 10\% + 5\%</math>  <math>4 \times 10\% + 25\%</math></p> <p>c) <math>90\% + 9\%</math>  <math>100\% - 1\%</math>  <math>50\% + 40\% + 9\%</math></p> <p>Children are likely to have some different ways.</p>