

Y5 – Spring – Block 2 – Step 5 – Fraction of an amount Answers

Question	Answer
1	<p>a) The total bar is 45 and it has been divided into 5 equal parts, so one small bar is $\frac{1}{5}$ of 45 9</p> <p>b) The total bar is 45 and it has been divided into 5 equal parts, so three small bars are $\frac{3}{5}$ of 45 27</p> <p>c) Both questions involve finding $\frac{1}{5}$ of 45, but Mo then needs to multiply this value by 3</p>
2	<p>a) 9 18 27</p> <p>b) 24 12 6</p> <p>c) 30 30 30</p> <p>In part a), the answers go up in 9s. In part b), each answer is half the previous answer. In part c), the fractions are all equivalent to $\frac{1}{3}$ so all the answers are the same.</p>
3	
4	<p>a) > b) < c) > d) <</p>
5	<p>a) 55 b) 66 c) 33</p>

Y5 – Spring – Block 2 – Step 5 – Fraction of an amount Answers (continued)

Question	Answer				
6	<table border="1" data-bbox="211 194 959 271"><tr><td>$\frac{3}{4}$ of 80</td><td>$\frac{3}{8}$ of 160</td><td>$\frac{2}{3}$ of 90</td><td>$\frac{3}{4}$ of 100 ✓</td></tr></table> <p>All the other calculations have the answer 60</p>	$\frac{3}{4}$ of 80	$\frac{3}{8}$ of 160	$\frac{2}{3}$ of 90	$\frac{3}{4}$ of 100 ✓
$\frac{3}{4}$ of 80	$\frac{3}{8}$ of 160	$\frac{2}{3}$ of 90	$\frac{3}{4}$ of 100 ✓		
7	a) 112 b) 32				