

Question	Answer	Mark	Mark scheme	Additional guidance
17	No, with correct figures	<p>P1</p> <p>P1</p> <p>C1</p>	<p>for start to process to find amount of each paint colour needed eg <math>24 \div (4 + 3 + 1) (= 3)</math> <b>or</b> <math>8 : 6 : 2</math></p> <p><b>or</b> for start to process to simplify <math>12 : 7 : 5</math> to a ratio that can be compared to <math>4 : 3 : 1</math> eg <math>12 \div 4 (= 3)</math> <b>or</b> <math>7 \div 3 (= 2.3 \dots)</math> <b>or</b> <math>5 \div 1 (= 5)</math></p> <p>for complete process to find amount of each paint colour needed eg "<math>3</math>" <math>\times 4 (= 12)</math> <b>and</b> "<math>3</math>" <math>\times 3 (= 9)</math> <b>and</b> "<math>3</math>" <math>\times 1 (= 3)</math> <b>or</b> <math>12 : 9 : 3</math></p> <p><b>or</b> for complete process to cancel <math>12 : 7 : 5</math> to a ratio that can be compared to <math>4 : 3 : 1</math> eg <math>12 : 7 : 5</math> as <math>4 : " \frac{7}{3} " : " \frac{5}{3} "</math> <b>or</b> <math>4 : "2.3 \dots" : "1.6 \dots"</math> <b>or</b> <math>12 : 7 : 5</math> as <math>"5 \frac{1}{7}" : 3 : "2 \frac{1}{7}"</math> <b>or</b> <math>"5.14 \dots" : 3 : "2.14 \dots"</math> <b>or</b> <math>12 : 7 : 5</math> as <math>"2 \frac{2}{5}" : "1 \frac{2}{5}" : 1</math> <b>or</b> <math>"2.4" : "1.4" : 1</math></p> <p>No, with correct figure(s) for comparison. eg No with <math>12 : 9 : 3</math> No, 9 litres of yellow needed No with <math>4 : 2.3 \dots : 1.6 \dots</math></p>	<p>No may be indicated by eg 'not enough yellow'.</p>