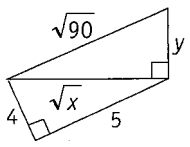
Year 8 Revision Test 8

Multiple Choice : Circle the correct answer

	Questions : Mulitple Choice	Answer
1	The lowest common multiple (LCM) of 2, 3, 4, 5 and 6 is Ⓐ 30 Ⓑ 60 Ⓒ 180 Ⓓ 720	
2	Simplify $2(x - 7) + x$ Ⓐ $3x - 7$ Ⓑ $3x - 14$ Ⓒ $x - 7$ Ⓓ $x - 14$	
3	$a \times a \times a \times a \times a =$ Ⓐ a^5 Ⓑ $5a$ Ⓒ 5^a Ⓓ $a + 5$	
4	Simplify the following: Solve $2x + 3 = 15$	
5	Simplify the following: Simplify $19 - 2 \times 5$	
6	Simplify the following: How many litres in 3527 mL? (Leave answer in decimal form.)	
7	At a farm the ratio of pigs to goats is 5:2. If there are 35 pigs, find the number of goats.	
8	If $x = 2$, $y = -2$ and $z = \frac{1}{6}$, evaluate: $\frac{xyz}{y - z}$ =	
9	For the diagram given:  If x, 40, 41 is a Pythagorean triad, find the value of x.	
10	Simplify the following: $(x+2)(x-1)-(x+1)^2$	