

Volume L1 Mark Scheme		
<b>1</b>	$3 \times 6 \times 3 = 54$	[1]
	$\text{cm}^3$	[1]
<b>2</b>	$2 \times 3 \times 8 = 48$	[1]
	$\text{mm}^3$	[1]
<b>3</b>	$4 \times 4 \times 4 = 64$	[1]
	$\text{cm}^3$	[1]
<b>4</b>	$5 \times 2 = 10 \text{ cm}^2$	[1]
	$x = 40 \div 10 = 4$	[1]
<b>5</b>	Volume of bath = $1 \times 1.5 \times 2.5 = 3.75 \text{ m}^3$	[1]
	Volume of water = $0.9 \times 1.3 \times 2.3 = 2.691 \text{ m}^3$	[1]
	Volume of ceramic = $3.75 - 2.691 = 1.059 \text{ m}^3$	[1]
<b>6</b>	3 m = 300 cm 1.5 m = 150 cm	[1]
	Volume = $300 \times 300 \times 150 = 13,500,000 \text{ cm}^3$	[1]
	$13500000 \div 75 (= 180000\text{s})$	[1]
	$(180000 \div 60) \div 60 = 50 \text{ hours}$	[1]