

				Answer		
(3)	(a)	$\hat{CDE}, 120^\circ, AB, BC$ obtuse				
		$30^\circ, BC, CD$ reflex				
		DE, EF right (1×9)	9			
	(b)	For correct answers (1×2)	2			
		-----	11			
				(ii) Constructing the hexagon -----	4	
				(iii) Naming the hexagon -----	1	
				(iv) Constructing the Δ -----	2	
				Marking O		
				(v) Obtaining $PQR = 60^\circ$ -----	2	
				-----	11	
(4)	(a)	(i) $3x + 50 = 140$ -----	2			
		(ii) $3x + 50 - 50 = 140 - 50$ -----	1			
		$\frac{3x}{3} = \frac{90}{3}$				
		$x = 30$ -----	1			
		$x = \text{Rs. } 30$ -----	1	3		
		(b) (i) $A = 15a$ -----	2			
		(ii) $B = 15a - 4$ -----	1			
		(iii) $A = 15 \times 2$ -----	1			
		$= 30 \text{ sq. units}$ -----	1			
		$B = 30 - 4$				
$= 26 \text{ sq. units}$ -----	1	3				
		or				
		any other correct method				
		-----	11			
(5)	(a)	(i) 1.4 -----	2			
		(ii) $2\frac{3}{10}$ -----	1	3		
		(b) (i) 8.172 -----	2			
		(ii) 7243.8 -----	2			
		(iii) 0.136 -----	2			
		(iv) 3.228 kg -----	2	8		
		-----	11			
(6)	(i)	Constructing the circle -----	2			
				(7) (i) Vanila -----	2	
				(ii) 8000 ℓ -----	2	
				(iii) 16 000 ℓ -----	2	
				(iv) 6500 $\ell - 4000 \ell$ -----	2	
				2500 ℓ -----	1	
				(v) 2000 $\ell + 5000 \ell + 6000 \ell$ -----	1	
				13 000 ℓ -----	1	
				13 000 $\times 80$ -----	1	
				Rs. 1 040 000 -----	1	
				-----	11	