

1

(1)

	ア			イ	
14				1	

(2)

	ウ			エ	
90				48	

(3)

	オ	
35		

(4)

	カ	
	キ	
71		
29		

2

(1)

ク	ケ	コ		サ	シ	
4,5,6				5,6		

(2)

$\theta = \frac{\begin{matrix} \boxed{\text{ス}} \\ \boxed{\text{セ}} \end{matrix}}{\pi}, \alpha = \boxed{\text{ソ}}, \beta = \boxed{\text{タ}}$	$\theta = \frac{\begin{matrix} \boxed{\text{チ}} \\ \boxed{\text{ツ}} \end{matrix}}{\pi}, \alpha = \boxed{\text{テ}}, \beta = \boxed{\text{ト}}$
$\theta = \frac{1}{3}\pi, \alpha = 1, \beta = 5$	$\theta = \frac{2}{3}\pi, \alpha = 2, \beta = 3$

3

(1)

$y = \frac{\boxed{+}}{\boxed{二}}x + \boxed{又}$
$y = \frac{1}{2}x + (-2)$

(2)

$\frac{1}{2}(\boxed{ネ} \pm \sqrt{\boxed{ノ}})$	$\left(\boxed{ハ}, \frac{\boxed{ヒ}}{\boxed{フ}}\right)$
$\frac{1}{2}(-3 \pm \sqrt{7})$	$\left(3, \frac{3}{2}\right)$

(3)

$\boxed{ハ} < a < \boxed{ホ}$	$S = \frac{2}{3} \left(\sqrt{\boxed{マ}}a^2 + \boxed{ミ}a + \boxed{ム} \right)^3$	$a = \boxed{メ}$	$\boxed{モ}$
$-4 < a < 2$	$S = \frac{2}{3} \left(\sqrt{(-1)a^2 + (-2)a + 8} \right)^3$	$a = -1$	18