

受 験 番 号	
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平成28年度

入学試験数学解答用紙

[1]

(1)	(2)	(3)	(4)	(5)
-6	$\frac{3}{4}$	-25	$\frac{5x+21y}{6}$	$-48x^3y^4$
(6)				
$\frac{\sqrt{5}}{3}$				

[2]

(1)	(2)	(3)	(4)
$x = -4$	$x = 1 \pm \sqrt{2}$	$x = 3 \quad y = -1$	8
(5)	(6)	(7)	(8)
$\frac{1}{9}$	$8\sqrt{2} \text{ cm}^2$	$\angle x = 42^\circ$	$x = \frac{29}{5} \text{ cm}$

[3]

(1)	(2)	(3)	(4)
$A(-1, -\frac{1}{2}) \quad B(2, -2)$	$\frac{3}{2}$	$c(0, -6)$	$\frac{15}{2}$

[4]

(1)	(2)	(3)	(4)
4 cm	$48\pi \text{ cm}^2$	$7\pi \text{ cm}^2$	$\frac{64}{3}\pi \text{ cm}^3$

[5]

(1)	(2)	(3)
$9\sqrt{3} \text{ cm}^2$	$4\sqrt{6} \text{ cm}$	$18\sqrt{2} \text{ cm}^3$

4点×25問 (100点満点)

得 点	
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