

受験番号

得点

1	(1)	-3
	(2)	$\frac{11}{30}$
	(3)	$\frac{2x+7y}{12} \left(-\frac{1}{6}x + \frac{7}{12}y \right)$
	(4)	$-\frac{3}{2}a^2b$
	(5)	84

4	$\angle APD = 80$ 度
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5	(1)	$60 + 36\pi$ cm
	(2)	702π cm ²
	(3)	405π cm ³
	(4)	円柱 : 円錐 = 6 : 1

2	(1)	$x = 2$ $y = -3$
	(2)	$x = -2 \pm \sqrt{5}$
	(3)	$x = 16$
	(4)	$x = \frac{-3 \pm \sqrt{5}}{2}$

6	(1)	$a = \frac{1}{2}$
	(2)	$y = x + 4$
	(3)	12

3	(1)	$(x - y)(2a + b)$
	(2)	24, 26, 28
	(3)	$y = \frac{2}{3}x + 2$
	(4)	$\frac{1}{27}$

7	(1)	①	$y = \frac{3}{5}x - \frac{18}{5}$
		②	$\frac{36}{5}$ 倍
	(2)	①	P (0 , 3)
		②	$y = \frac{18}{11}$