

受 驗 番 号	名 前		

2020年度 上宮高等学校 入学考查 解答用紙 数 学

I

(1)	(7)	-88	(4)	4	(2)	$\boxed{\alpha} = 2$	,	$\boxed{\beta} = 7$
-----	-----	-----	-----	---	-----	----------------------	---	---------------------

(3)	$a = -2$	,	$y = \frac{1}{2}$	(4)	$x = 3$
-----	----------	---	-------------------	-----	---------

(5)	$\frac{7}{15}$	(6)	15	(7)	32 度
-----	----------------	-----	----	-----	---------

I

II

(1)	$a = \frac{1}{4}$	,	$b = 1$	(2)	$y = \frac{1}{2}x + 2$
-----	-------------------	---	---------	-----	------------------------

(3)	6	(4)	$\frac{3\sqrt{2}}{2}$	(5)	$6\sqrt{2}\pi$
-----	---	-----	-----------------------	-----	----------------

II

III

(1)	12	(2)	$4+2\sqrt{5}$	(3)	$2\sqrt{5}$ cm
-----	----	-----	---------------	-----	-------------------

III

IV

(1)	$\sqrt{3}$	(2)	①	$\frac{3\sqrt{3}}{4}$	(2)	$\frac{\sqrt{2}}{3}$	(3)	$\sqrt{2}$
-----	------------	-----	---	-----------------------	-----	----------------------	-----	------------

IV

各5点

合 計 点	
-------------	--