

1	(1)	12	(2)	$\frac{3}{8}$
	(3)	$\sqrt{2}$	(4)	800 円
	(5)	(3 , - 1)	(6)	$n=67, 68, 69$
	(7)	$a = -\frac{1}{4}$	(8)	$\frac{3}{20}$
	(9)	133 度		

2	(1)	$a = 8, b = 2$	
	(2)	a (4) , b (4.5)	c (8)
	(3)	$\frac{5}{3} < b \leq 2$	
	(4)	①	②

The graph shows a piecewise linear function on a coordinate plane. The x-axis is labeled from 0 to 100 in increments of 10. The y-axis is labeled from 0 to 50 in increments of 10. The graph consists of four segments: a horizontal segment from (0, 20) to (30, 20); a segment from (30, 20) to (60, 35); a segment from (60, 35) to (70, 38); and a segment from (70, 38) to (100, 45).

②	80 冊以上
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3	(1)	78 度	
	(2)	① 9 cm	② $\frac{32}{5}$ 倍
	(3)	① $2\sqrt{7}$ cm	② $\frac{18\sqrt{7}}{7}$ cm ³