

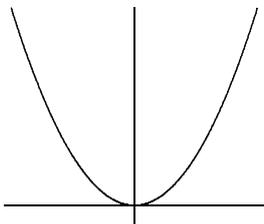
/	解説
/	NO5

2次関数NO3	
中 3	xとyの変域に関する問題②

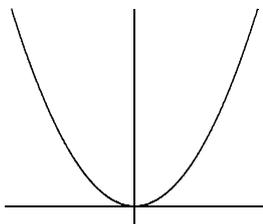
NAME	mistake

問題1 つぎの関数のxの変域に対するyの変域を求めよ。

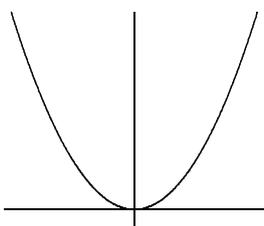
① $y = 2x^2: -3 \leq x \leq 1$



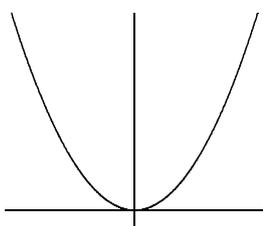
② $y = 3x^2: 1 \leq x \leq 2$



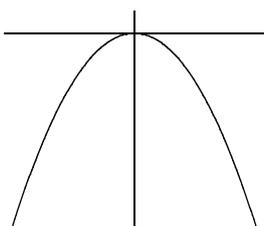
③ $y = \frac{1}{2}x^2: -4 \leq x \leq -2$



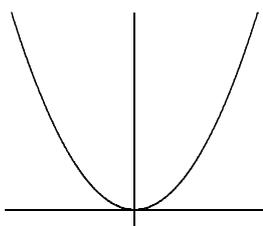
④ $y = \frac{1}{4}x^2: -2 \leq x \leq 4$



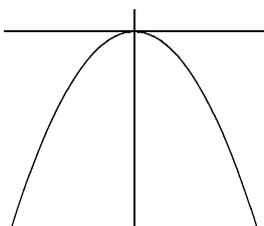
⑤ $y = -2x^2: -2 \leq x \leq 3$



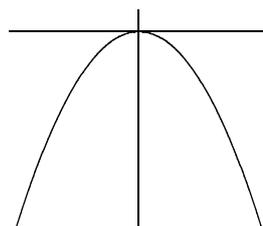
⑥ $y = \frac{1}{2}x^2: -4 \leq x \leq 6$



⑦ $y = -x^2: -4 \leq x \leq -2$

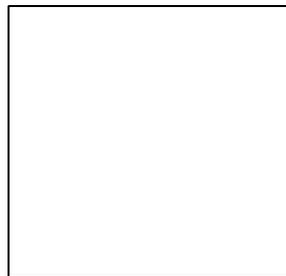


⑧ $y = -2x^2: -2 \leq x \leq 3$

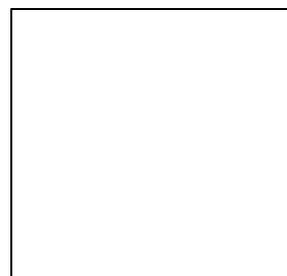


問題2 つぎの関数のxの変域に対するyの変域を求めよ。

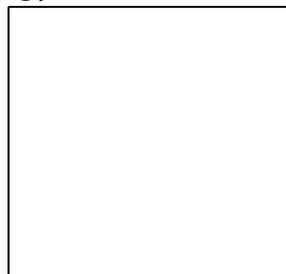
① $y = x^2: -3 \leq x \leq 1$



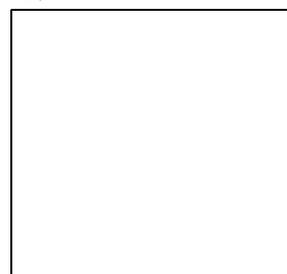
② $y = 2x^2: 1 \leq x \leq 2$



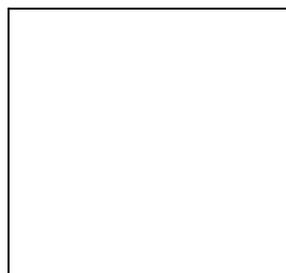
③ $y = -x^2: -1 \leq x \leq 2$



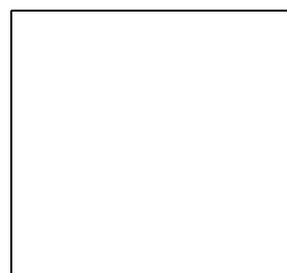
④ $y = 2x^2: -2 \leq x \leq -1$



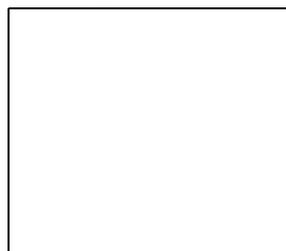
⑤ $y = \frac{1}{4}x^2: 4 \leq x \leq 6$



⑥ $y = -\frac{1}{3}x^2: -6 \leq x \leq 3$



⑦ $y = \frac{1}{2}x^2: -2 \leq x \leq 4$



⑧ $y = -\frac{1}{2}x^2: -6 \leq x \leq -4$

