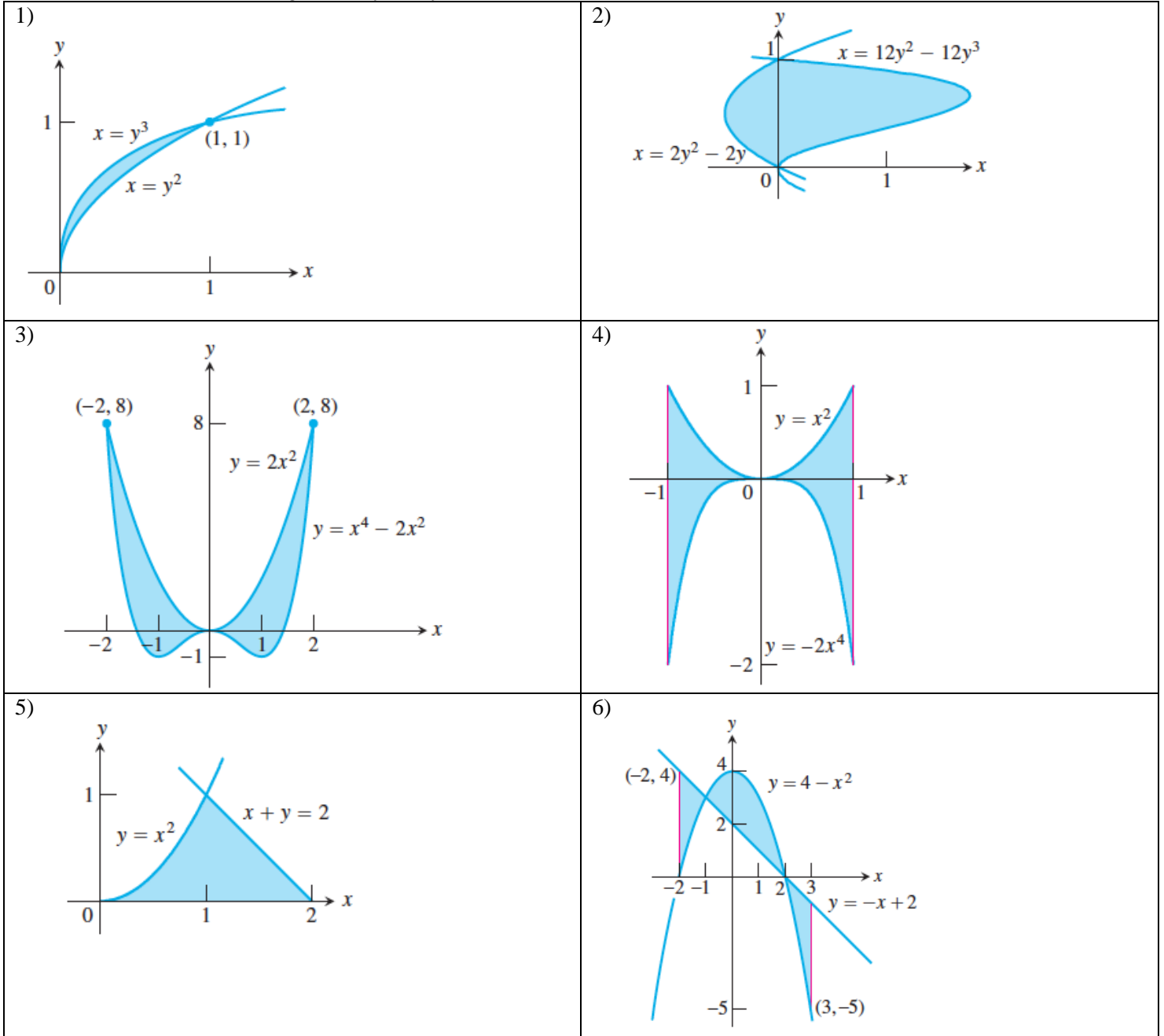


Find the area of the shaded region analytically.



7) Find the area of the region(s) enclosed by the graphs of  $x - y^2 = 0$  and  $x + 2y^2 = 3$ .

8) Which of the following gives the area of the region between the graphs of  $y = x^2$  and  $y = -x$  from  $x = 0$  to  $x = 3$ ?  
 A 2                      B  $9/2$                       C  $13/2$                       D 13                      E  $27/2$

Answers:

1) $1/12$	2) $4/3$	3) $128/15$	4) $22/15$	5) $5/6$
6) $49/6$	7) 4	8)		