(a) $-\frac{9}{2}$	of the region bounded by $y = x^2$ (b) $\frac{23}{6}$	(c) $\frac{9}{2}$	Be able to find
(d) 8 <sup>3</sup>	•	ب کی تقریر	by hand and
. Determine the area	of the region bounded by $y = -x$	$x^2 + 2x + 3$ and $y = 3$ .	y courosu
(a) $\frac{4}{3}$	(b) $\frac{9}{2}$	(c) $\frac{22}{3}$	
(d) $-\frac{4}{3}$	(e) None of these		х. Э
<b>_</b> ·	-		
. Find the area of th	e region bounded by the graphs o		$(x)=x^2-2x.$
<b>(a)</b> 32	<b>(b)</b> $\frac{20}{3}$	. (c) $\frac{64}{3}$	
(d) 128	(e) None of these	U U	
Find the area of the $g(x) = -x^2 + 2x$ .	region bounded by the graphs of	$f(x) = x^3 + 4x^2 - 12x$	and
(a) $\frac{3901}{12}$	(b) $\frac{32}{3}$	(c) $\frac{3773}{6}$	
(d) $\frac{1215}{4}$	(e) None of these		

5. Find the area of the region bounded by the graphs of  $x = y^2 + 4y$  and x = 0.

6. Find the area of the region bounded by the graphs of  $y = x^3 - 6x^2 + 8x$  and y = 0.

7. Find the area of the region bounded by the graph of  $y^2 = x^2 - x^4$ .

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