Graphs of Trigonometric Functions Workout

Question 1 (a)

×	0°	30°	45°	60°	90°	120°
Y	0	-1-2-	12	2	1	53

×	135°	150°	180°	210°	225°	240°
Y	52		0	-1/2	-52/2	-53/2

×	270°	300°	315°	330°	360°
Y	-1	- 53/2	- 12/2	-1-2	6

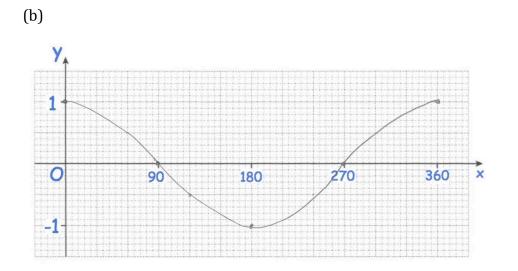


Question 2 (a)

×	0°	30°	45°	60°	90°	120°
Y	1	153	52	12	0	-1-2

×	135°	150°	180°	210°	225°	240°
У	- 12	-53	-	-13	-J2 2	-1-2

×	270°	300°	315°	330°	360°
Y	0	12	52	<u>V3</u> 2	



Question 3 (a)

×	0°	1°	15°	30°	45°	60°
Y	0	0.017	2-53	Jan 100		V3

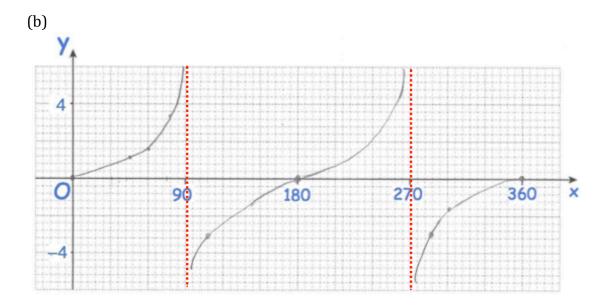
×	75°	89°	90°	91°	105°	120°
Y	2+53	57.29	/	-57.29	-2-53	-53

X	135°	150°	165°	179°	180°	181°
Y	-1	-53	-2+53	-0.017	\bigcirc	0.07

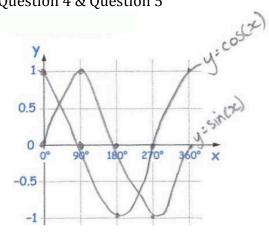
×	195°	210°	225°	240°	255°	269°
Y	2-53	J3 B	1	V3	2+53	57.29

×	270°	271°	285°	300°	315°	330°
Y	/	-57.29	-2-53	-53	-1	- 53

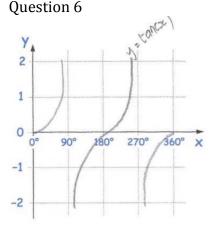
×	345°	360°
Y	-2+53	0



Question 4 & Question 5



Question 6



Apply Question 1 1.2
Question 2 3
Question 3 (a) (90, 1) (b) (270, -1)
Question 4 (a) (90, 0) (b) (180, -1)
Question 5 (a) Graph 3 (b) Graph 2 (c) Graph 1
Question 6 (450, 1)
Question 7 (630, –1)
Question 8 (540, -1)
Question 9 (a) (-270, 0) (b) (-180, -1)
Question 10 (a) x=330° (b) x=30°, x=150°
Question 11 (a) 330° (b) x=150° x=210°
Question 12 X=210°
Question 13 (a) x=42° x=318° (b) x= 138° x=222°