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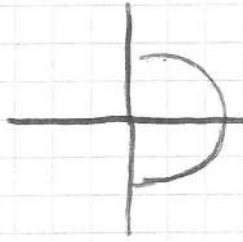
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10.1

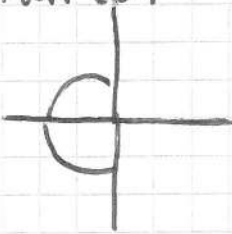
① a) $\sin(\theta)$



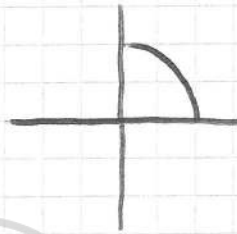
b) $\cos(\theta)$



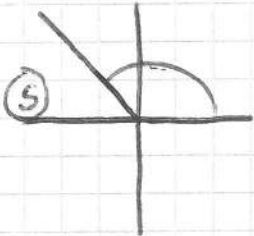
c) $\tan(\theta)$



d) All

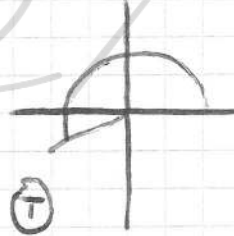


② a) $\cos(116)$



Negative

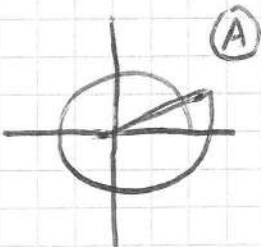
b) $\tan(240)$



Positive

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c) $\sin(420)$



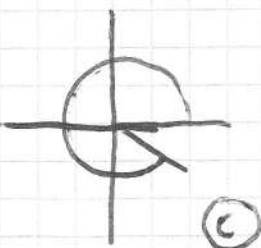
Positive

~~d) $\tan(-100)$~~



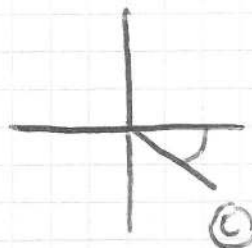
Positive

e) $\sin(350)$



Negative

f) $\cos(-80)$



Positive

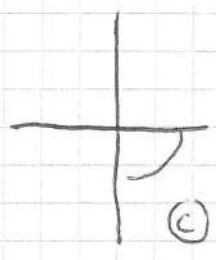
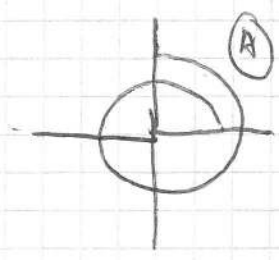
3

a) $\cos(90) = 0$

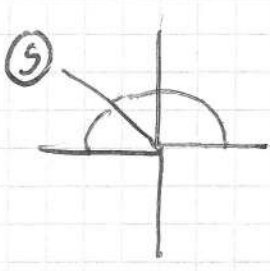
b) $\cos(-180) = -1$

c) $\sin(360) = \sin(0) = 0$

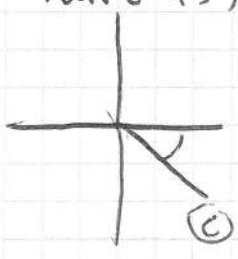
d) $\sin(-90) = -\sin(90) = -1$



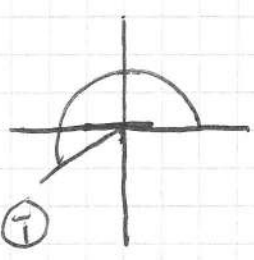
e) $\tan(135) = -\tan(45) = -1$



f) $\tan(-45) = -\tan(45) = -1$



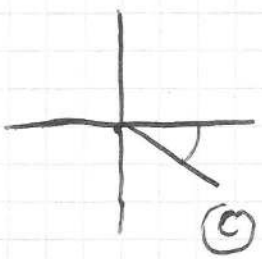
g) $\sin(225)$



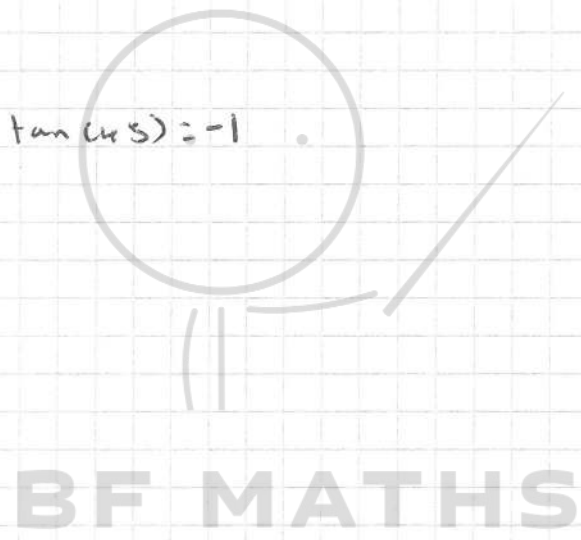
$-\sin(45) = -\frac{\sqrt{2}}{2}$

h) $\cos(-45)$

i) $\tan(-90) = \text{undefined}$



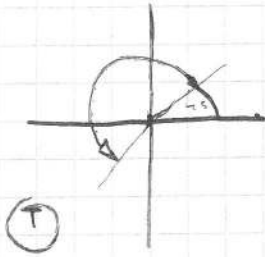
$\cos(45) = \frac{\sqrt{2}}{2}$



4

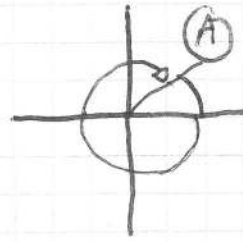
Let $\theta = 45$

a) $\sin(180 + \theta)$



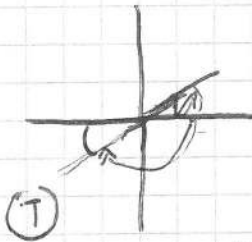
$-\sin(\theta)$

b) $\cos(360 - \theta)$



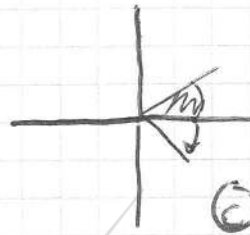
$\cos(\theta)$

c) $\tan(180 - \theta)$



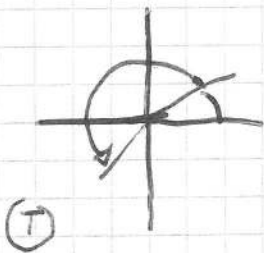
$-\tan(\theta)$

d) $\sin(-\theta)$



$-\sin(\theta)$

e) $\tan(180 + \theta)$



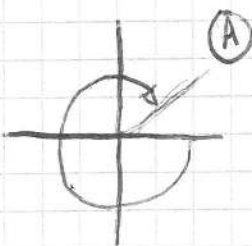
$\tan(\theta)$

f) $\cos(\theta - 180)$



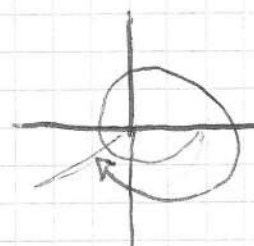
$-\cos(\theta)$

g) $\sin(\theta - 360)$



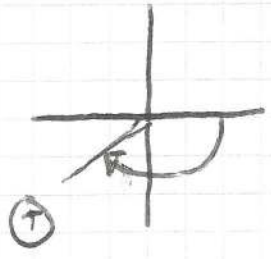
$\sin(\theta)$

h) $\cos(540 - \theta)$



$-\cos(\theta)$

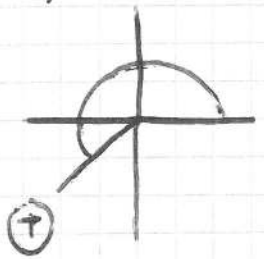
i) $\tan (0-180)$



$\tan (0)$

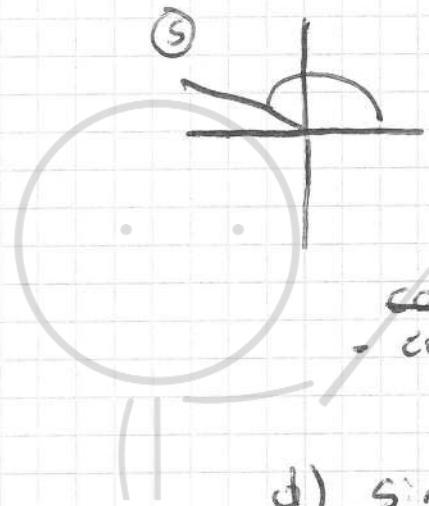
5

a)



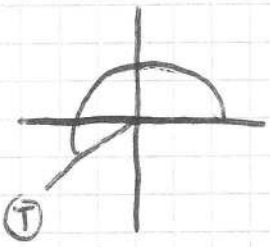
$\sin (-40)$

b) $\cos (160)$



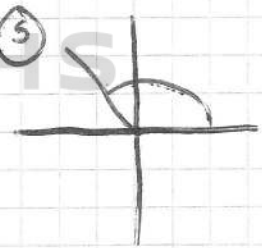
~~$\cos (-20)$~~
 $\cos (20)$

c) $\tan (210)$



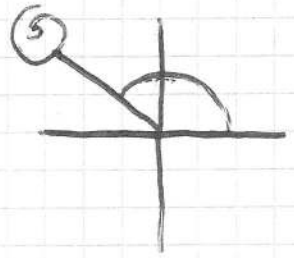
~~$\sin (30)$~~
 $\tan (30)$

d) $\sin (-100)$



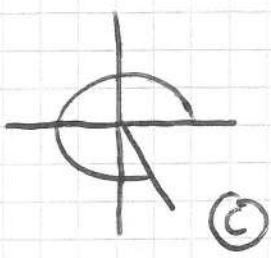
$\sin (80)$

e) $\tan (130)$



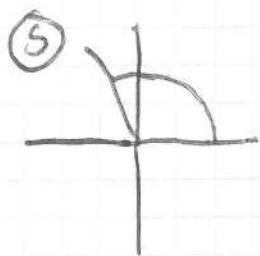
$-\tan (50)$

f) $\cos (280)$



$\cos (80)$

g) $\sin(45)$



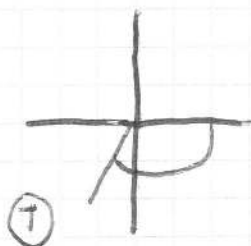
$\sin(45)$

h) $\cos(-20)$

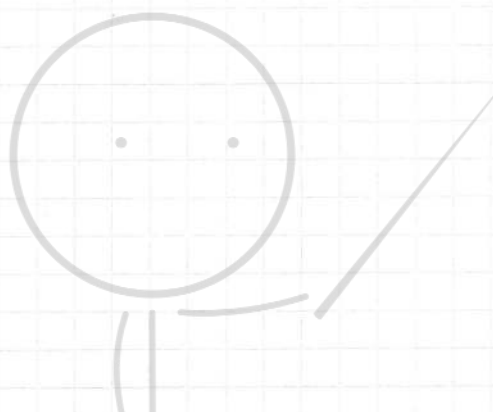


$-\cos(20)$

i) $\tan(-115)$



$-\tan(65)$



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