

4.3 Packet 4 (ABCD - all 6)

1

Name: _____

Date: _____

Period: _____

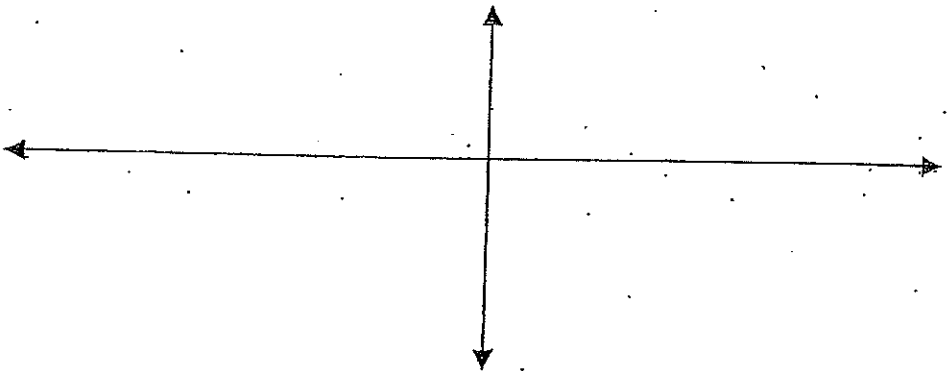
Trigonometry

Graphing HW: ~~$y = \sec x$ and $y = \csc x$~~

Graph two full periods.

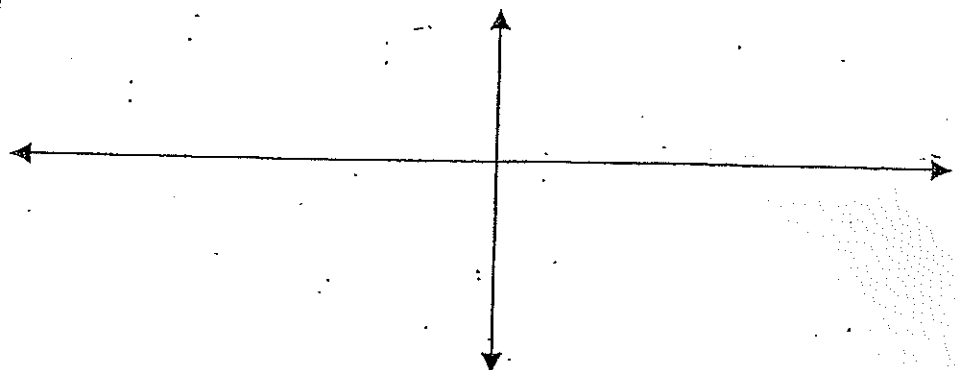
1. $y = 2\sec\left(3x - \frac{\pi}{2}\right) + 1$

Amplitude= _____
B= _____
P= _____
Increment= _____
S.A. = y = _____
S.P.= _____
E.P.= _____



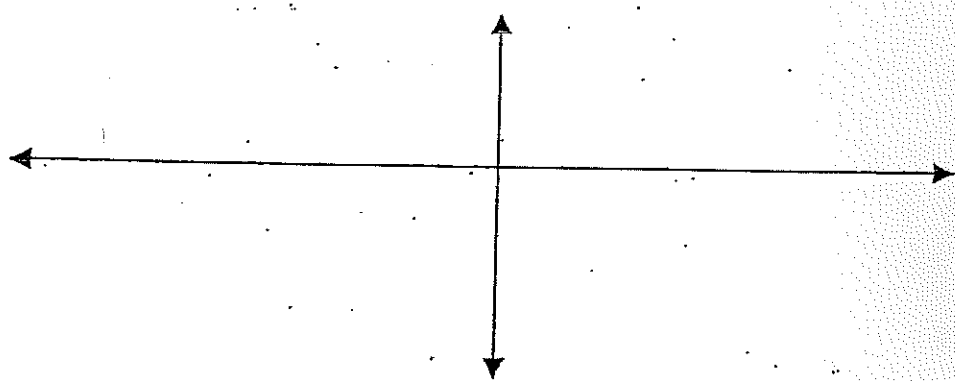
2. $y = -\csc\left(x - \frac{\pi}{4}\right) + 3$

Amplitude= _____
B= _____
P= _____
Increment= _____
S.A. = y = _____
S.P.= _____
E.P.= _____



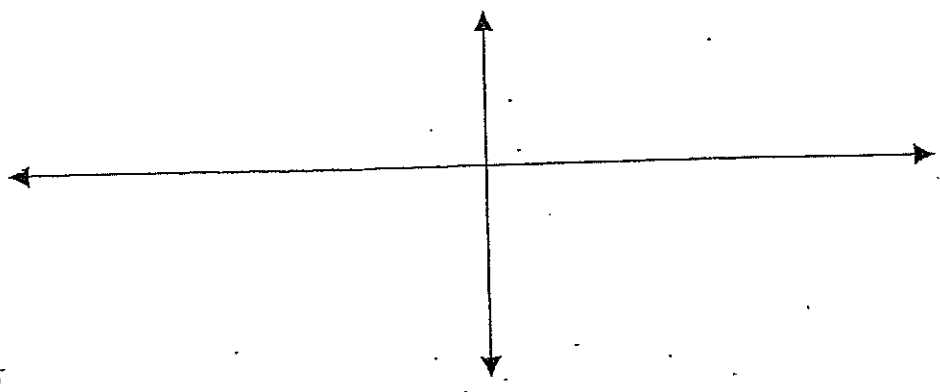
3. $y = 4\sec(x + \pi)$

Amplitude= _____
B= _____
P= _____
Increment= _____
S.A. = y = _____
S.P.= _____
E.P.= _____



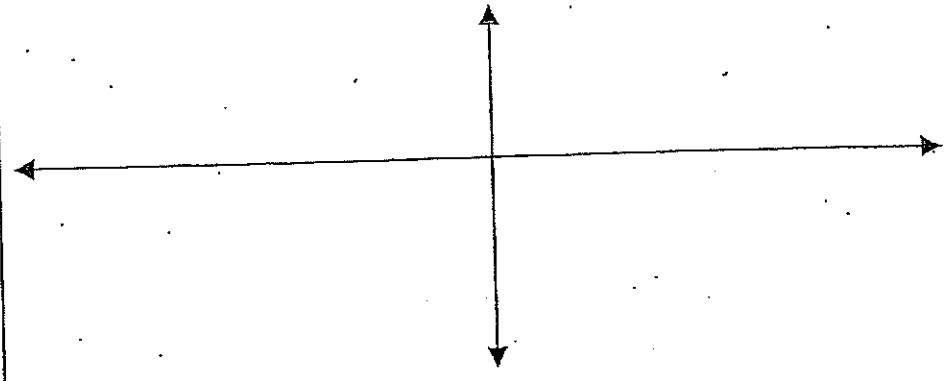
4. $y = 3\csc\left(2x - \frac{\pi}{3}\right) - 5$

Amplitude= _____
 B= _____
 P= _____
 Increment= _____
 S.A.= y = _____
 S.P.= _____
 E.P.= _____



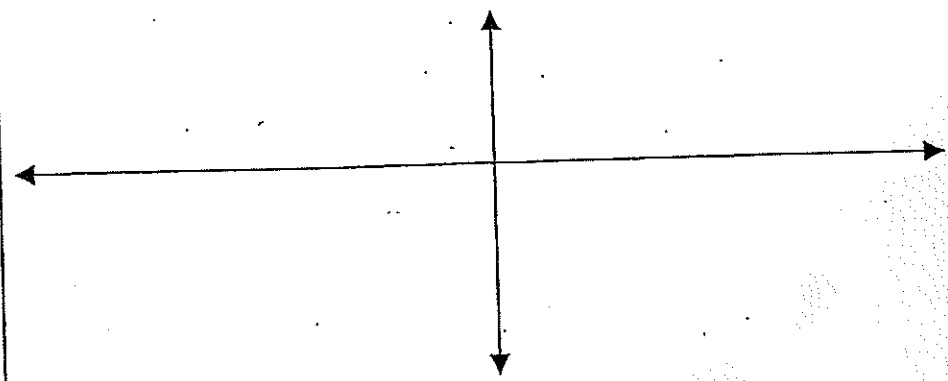
5. $y = \cos\left(\frac{1}{2}x + \frac{\pi}{3}\right) + 1$

Amplitude= _____
 B= _____
 P= _____
 Increment= _____
 S.A.= y = _____
 S.P.= _____
 E.P.= _____



6. $y = -\sin\left(3x - \frac{\pi}{2}\right) + 2$

Amplitude= _____
 B= _____
 P= _____
 Increment= _____
 S.A.= y = _____
 S.P.= _____
 E.P.= _____



Name: _____

Date: _____

Period: _____

Trigonometry

Graphing HW #5

Graph over the interval of two full periods.

1. $y = 2\sec\left(x - \frac{\pi}{4}\right) - 1$

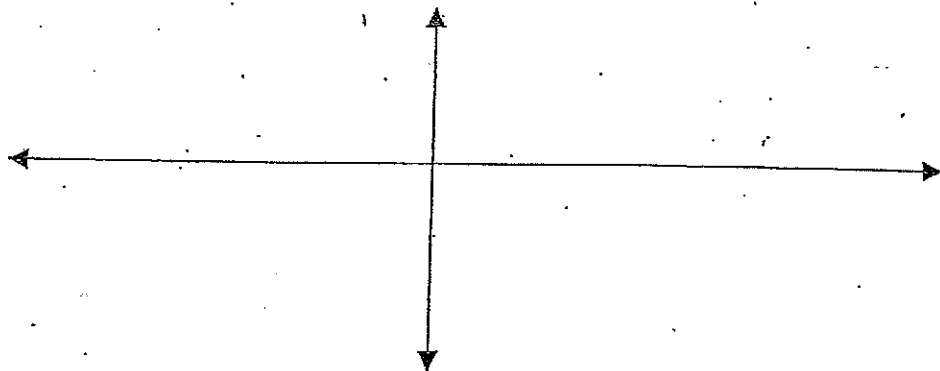
Amplitude= _____

B= _____

P= _____

Increment= _____

S.A. = y = _____



2. $y = 3\csc\left(x + \frac{\pi}{6}\right) + 2$

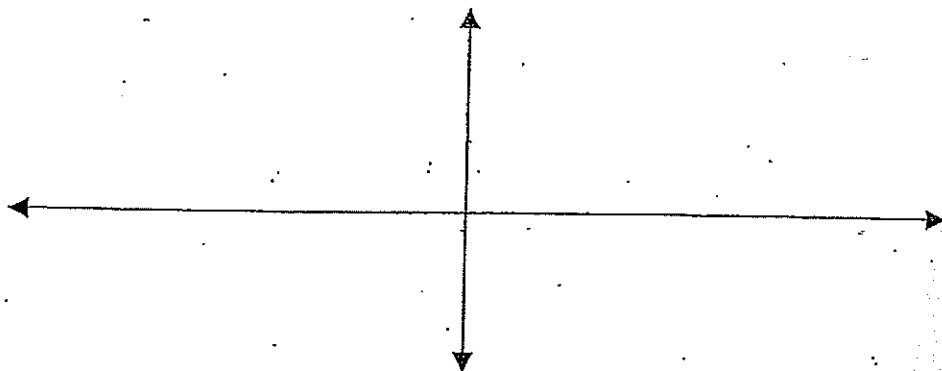
Amplitude= _____

B= _____

P= _____

Increment= _____

S.A. = y = _____



3. $y = 4\tan 2x + 1$

Amplitude= _____

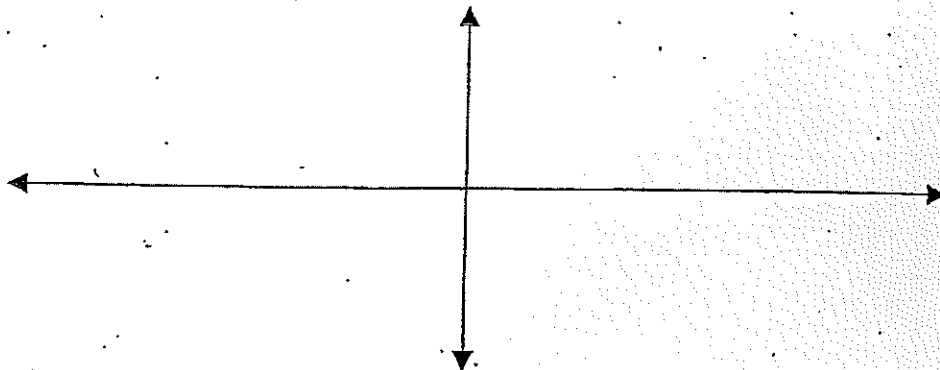
B= _____

P= _____

Increment= _____

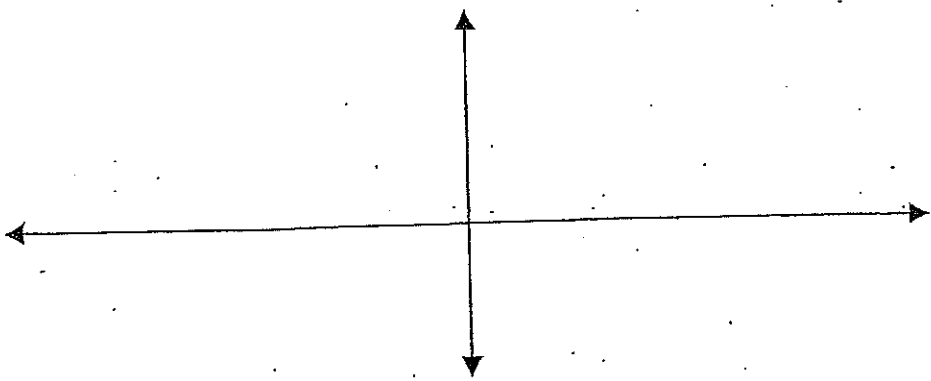
Asymptotes = x = _____

x = _____



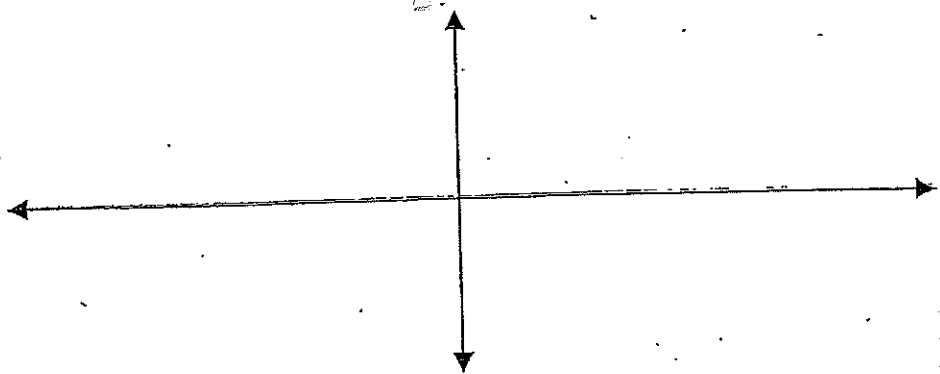
4. $y = 3 \cot \frac{1}{4}x - 1$

Amplitude= _____
 B= _____
 P= _____
 Increment= _____
 Asymptotes= x = _____
 x = _____



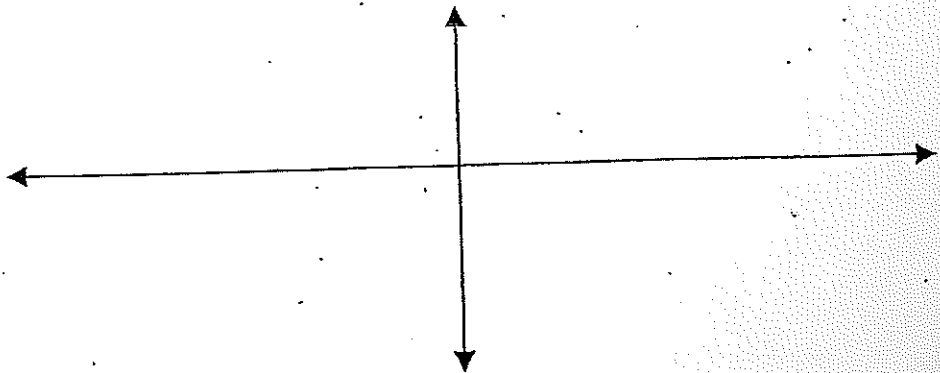
5. $y = -2 \sec \left(\frac{1}{2}x - \frac{\pi}{4} \right) - 4$

Amplitude= _____
 B= _____
 P= _____
 Increment= _____
 S.A.= y = _____



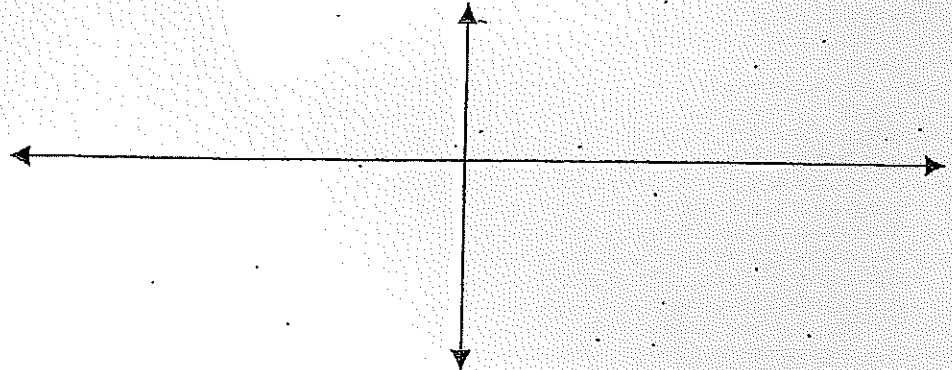
6. $y = -\csc \frac{1}{3}x + 3$

Amplitude= _____
 B= _____
 P= _____
 Increment= _____
 S.A.= y = _____



7. $y = 4 \tan\left(2x - \frac{\pi}{3}\right) + 1$

Amplitude= _____
B= _____
P= _____
Increment= _____
Asymptotes= x = _____
x = _____



8. $y = -\cot\left(\frac{1}{2}x - \frac{\pi}{5}\right) - 1$

Amplitude= _____
B= _____
P= _____
Increment= _____
Asymptotes= x = _____
x = _____

