1 In which quadrant does the terminal side of an angle of 340o lie?

A I
B II
C III
D IV

2 In which quadrant does the terminal side of an angle of 480o lie?

A I
B II
C III
D IV

3 In which quadrant does the terminal side of an angle of -125o lie?

A I
B II
C III
D IV

4 If O is in the first quadrant and sin(O) = 5/13, what is cos(O)?

5 If O is in the first quadrant and sin(O) = 5/13, what is cot(O)?

6 Convert 7p/18 to degrees.

7 Convert 10p/3 to degrees.

8 Convert 325o to radians.

(enter your answer as the fraction - without p.)

9 Convert 15o to radians.

(enter your answer as the fraction - without p.)

10 Given tan(x) = 3, find cot(90 - x).

11 Given cos(x) = 0.6, find sin(x).

12 Given sin(x) = 1/4, find csc(x).

13 Given cos(x) = 3/5 and tan(x) < 0.
In what quadrant does the terminal side lie in?

A I
B II
C III
D IV

14 Given cos(x) = 3/5 and tan(x) < 0.
What is the value of sec(x)?

15 Given cos(x) = 3/5 and tan(x) < 0.
What is the value of sin(x)?

16 Given cos(x) = 3/5 and tan(x) < 0.
What is the value of tan(x)?

17 What is the reference angle for 175o?

18 What is the reference angle for 385o?

19 What is the reference angle for -230o?

20 What is the reference angle for 7p/5?

(answer without p)

21 What is the reference angle for 11p/6?

(answer without p)

22 What is the reference angle for -2p/7?

(answer without p)

23 If the terminal side goes through the point (10, -24),
What is the tan(x)?

24 If the terminal side goes through the point (10, -24),
What is the csc(x)?

25 If the terminal side goes through the point (10, -24),
What is the cos(x)?

26 For which of the following angles does sin(x) = 1/2?

A 60o
B 150o
C 270o
D 300o

27 For which of the following angles does cos(x) = 1/2?

A 30o
B 150o
C 390o
D 430o

28 For which of the following angles does tan(x) = 1?

A -13p/4

B -5p/4
C 11p/4
D 17p/4

Answer Key : Test 1 Review

Question:	Answer
1	D
2	B
3	C
4	12/13 (+/- 0.0%)
5	12/5 (+/- 0.0%)
6	70 (+/- 0.0%)
7	600 (+/- 0.0%)
8	65/36 (+/- 0.0%)
9	1/12 (+/- 0.0%)
10	3 (+/- 0.0%)
11	0.8 (+/- 0.0%)
12	4 (+/- 0.0%)
13	D
14	5/3 (+/- 0.0%)
15	-4/5 (+/- 0.0%)
16	-4/3 (+/- 0.0%)
17	5 (+/- 0.0%)
18	25 (+/- 0.0%)
19	50 (+/- 0.0%)
20	2/5 (+/- 0.0%)
21	1/6 (+/- 0.0%)
22	2/7 (+/- 0.0%)
23	-24/10 (+/- 0.0%)
24	-26/24 (+/- 0.0%)
25	10/26 (+/- 0.0%)
26	B
27	C
28	D