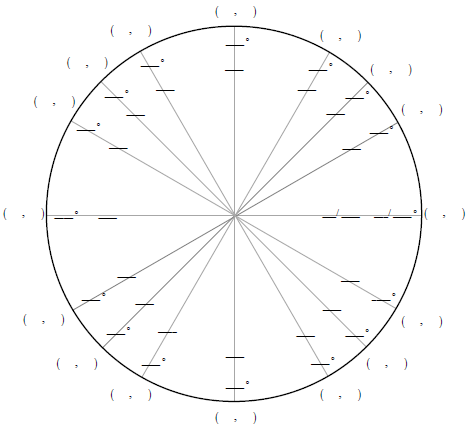
Math 3H Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.2 The Unit Circle Day 2** Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fill in the unit circle below.

Sine is the \_\_\_\_\_\_\_\_ value.

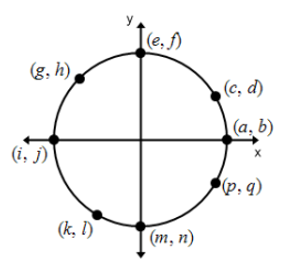
Cosine is the \_\_\_\_\_\_\_\_ value.

Tangent is \_\_\_\_\_\_\_\_ value divided by \_\_\_\_\_\_\_\_ value.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. cos 1350 = | 1. tan 2700 = | 1. sin 3000 = | 1. cos 450 = |
| 1. tan 600 = | 1. sin 1200 = | 1. cos 1800 = | 1. tan 00 = |
| 1. sin 2100 = | 1. cos 2400 = | 1. tan 2250 = | 1. sin 3150 = |
| 1. = | 1. = | 1. = | 1. = |
| 1. = | 1. = | 1. = | 1. = |
| 1. = | 1. = | 1. = | 1. = |

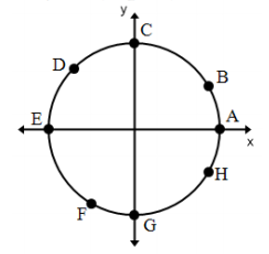
Use the unit circle to find the exact value.

Refer to the diagram. Give the letter that could stand for the function value.

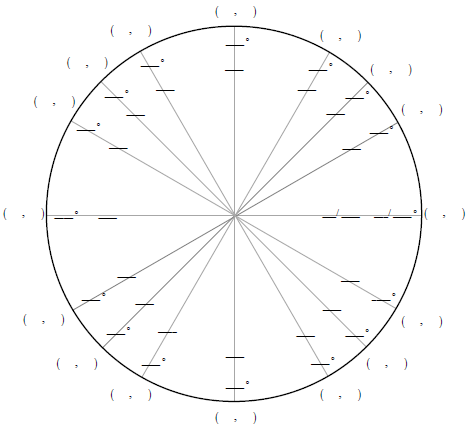


|  |  |  |
| --- | --- | --- |
| 1. = j |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Refer to the diagram. For the indicated point, tell if the value is positive, negative or neither.



|  |  |  |
| --- | --- | --- |
| 1. Cos G =Neither | 1. Sin C | 1. Sin H |
| 1. Cos D | 1. Cos B | 1. Sin E |
| 1. Sin B | 1. Sin F | 1. Sin G |
| 1. Cos A | 1. Cos E | 1. Cos C |



Use the unit circle to find the exact values.

|  |  |  |
| --- | --- | --- |
|  |  |  |
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|  |  |  |
|  |  |  |

