Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MAKEUP Entry Slip SOHCAHTOA and reference angles 9-21-17 hour 1 2 3 4 5 6 7

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| P  O  X | Directions   1. Plot M(-3, 5) 2. Find related right triangle formed with X AXIS 3. State all three related trigonometric ratios 4. Find acute angle POM formed with X AXIS, ORIGIN and given point M (give exact and approximate) 5. Find the 2nd quadrant angle | SOH CAH TOA  Exact Ratio Exact Ratio Exact Ratio  Show HOW you got approximate acute angle  related to this point |  |
| P  O  X | Directions   1. Plot R(-1, -2) 2. Find related right triangle formed with X AXIS 3. State all three related trigonometric ratios 4. Find acute angle POR formed with X AXIS, ORIGIN and given point R (give exact and approximate) 5. Find the 3rd quadrant angle | SOH CAH TOA  Exact Ratio Exact Ratio Exact Ratio  Show HOW you got approximate acute angle  related to this point | Q3  Q3 |

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| P  O  X | Directions   1. Plot T(5,-3) 2. Find related right triangle formed with X AXIS 3. State all three related trigonometric ratios 4. Find acute angle POR formed with X AXIS, ORIGIN and given point T (give exact and approximate) 5. Find the 4th quadrant angle | SOH CAH TOA  Exact Ratio Exact Ratio Exact Ratio  Show HOW you got approximate acute angle  related to this point | Q4  Q4 |

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| --- | --- | --- | --- | --- | --- |
|  | Positive coterminal angle | Negative coterminal angle | 2nd positive coterminal angle | 2nd negative coterminal angle | State angle in approximate radian measure |
| Refer to |  |  |  |  | Remember this is Q2 angle |
| Refer to |  |  |  |  | Remember this is Q3 angle |
| Refer to |  |  |  |  | Remember this is Q4 angle |