

18. Find $90^\circ + 23^\circ 15'$.

- a) $113^\circ 15'$
 - b) $112^\circ 15'$
 - c) $110^\circ 30'$
 - d) $110^\circ 14'$
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19. If θ is the name of an angle, identify the obtuse angle?

- a) $180^\circ < \theta < 360^\circ$
 - b) $90^\circ < \theta < 180^\circ$
 - c) $\theta = 90^\circ$
 - d) $\theta = 180^\circ$
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20. Find the value of: $(\sec\theta - \tan\theta)(\sec\theta + \tan\theta) + (\csc\theta - \cot\theta)(\csc\theta + \cot\theta)$

- a) $\frac{1}{2}$
 - b) -1
 - c) 1
 - d) 2
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Dr. Durdana Lateef