

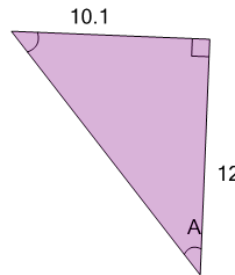


Math worksheet on 'Trigonometry - Solve Angles from Diagrams (Level 1)'. Part of a broader unit on 'Trigonometry - Law of Sines, Cosines - Intro'

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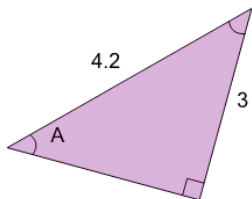
app.mobius.academy/math/units/trigonometry_law_of_sines_cosines_intro/

1 Solve for the angle in degrees with trigonometry



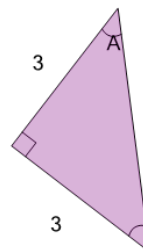
- | | |
|----------------------------|----------------------------|
| a
$A = 45^\circ$ | b
$A = 30^\circ$ |
| c
$A = 20^\circ$ | d
$A = 35^\circ$ |
| e
$A = 60^\circ$ | f
$A = 40^\circ$ |

2 Solve for the angle in degrees with trigonometry



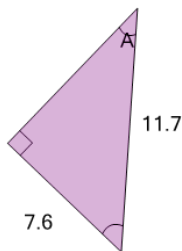
- | | |
|----------------------------|----------------------------|
| a
$A = 66^\circ$ | b
$A = 56^\circ$ |
| c
$A = 31^\circ$ | d
$A = 46^\circ$ |
| e
$A = 26^\circ$ | f
$A = 36^\circ$ |

3 Solve for the angle in degrees with trigonometry



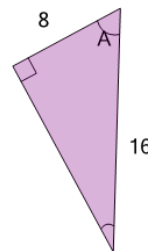
- | | |
|----------------------------|----------------------------|
| a
$A = 65^\circ$ | b
$A = 60^\circ$ |
| c
$A = 40^\circ$ | d
$A = 25^\circ$ |
| e
$A = 45^\circ$ | f
$A = 30^\circ$ |

4 Solve for the angle in degrees with trigonometry



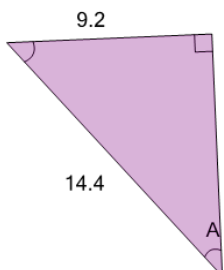
- | | |
|----------------------------|----------------------------|
| a
$A = 61^\circ$ | b
$A = 56^\circ$ |
| c
$A = 21^\circ$ | d
$A = 31^\circ$ |
| e
$A = 41^\circ$ | f
$A = 36^\circ$ |

5 Solve for the angle in degrees with trigonometry



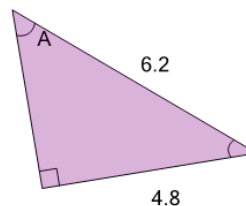
- | | |
|----------------------------|----------------------------|
| a
$A = 70^\circ$ | b
$A = 40^\circ$ |
| c
$A = 60^\circ$ | d
$A = 80^\circ$ |
| e
$A = 45^\circ$ | f
$A = 75^\circ$ |

6 Solve for the angle in degrees with trigonometry



- | | |
|----------------------------|----------------------------|
| a
$A = 35^\circ$ | b
$A = 30^\circ$ |
| c
$A = 50^\circ$ | d
$A = 40^\circ$ |
| e
$A = 25^\circ$ | f
$A = 55^\circ$ |

7 Solve for the angle in degrees with trigonometry



- | | |
|----------------------------|----------------------------|
| a
$A = 51^\circ$ | b
$A = 71^\circ$ |
| c
$A = 46^\circ$ | d
$A = 56^\circ$ |
| e
$A = 31^\circ$ | f
$A = 61^\circ$ |