|  |  |
| --- | --- |
| T1**?****32°****8cm** |  T2**?****49°****5cm** |
| T3**32°****?****15cm** |  T4**41°****?****7cm** |
| T5**?****7cm****52°** |  T6**?****7cm****61°** |
| T7**7cm****?****64°** |  T8**?****21°****12cm** |
| T9**12cm****46°****?** |  T10**5cm****?****51°** |
| T11**2cm****72°****?** |  T12**9cm****56°****?** |
| T13**7.5 cm****?****63°** |  T14**71°****9.5 cm****?** |
| T15**9 cm****36°****?** |  T16**?****11 cm****30°** |
| T17**?****40°****10 cm** |  T18**6 cm****81°****?** |
| W1$$sin(49°)×5$$ |  W2$ $$$sin(49°)×5$$ |
| W3$$sin(49°)×5$$ |  W4$$\frac{5}{sin(49°)}$$ |
| W5$$\frac{8}{cos(32°)}$$ |  W6$$\frac{7}{tan(64°)}$$ |
| W7$$\frac{7}{sin(64°)}$$ |  W8$$cos(32°)×8$$ |
| W9$$sin⁡(51°)×5$$ |  W10$$\frac{15}{sin⁡(32°)}$$ |
| W11$$sin⁡(32°)×15$$ |  W12$$cos⁡(51°)×5$$ |
| W13$$tan⁡(40°)×10$$ |  W14$$\frac{12}{sin⁡(21°)}$$ |
| W15$$tan⁡(41°)×7$$ |  W16$$sin⁡(40°)×10$$ |
| W17$$\frac{6}{\cos(\left(81°\right))}$$ |  W18$$sin⁡(21°)×12$$ |
| W19$$\frac{7}{tan⁡(41°)}$$ |  W20$$\frac{6}{tan⁡(81°)}$$ |
| W21$$\frac{11}{cos(30°)}$$ |  W22$$cos(30°)×11$$ |
| W23$$sin(56°)×9$$ |  W24$$cos(56°)×9$$ |
| W25$$sin(71°)×9.5$$ |  W26$$cos(71°)×9.5$$ |
| W27$$\frac{7}{sin(52°)}$$ |  W28$$\frac{sin(52°)}{7}$$ |
| W29$$\frac{12}{sin(46°)}$$ |  W30$$\frac{cos(72°)}{2}$$ |
| W31$$\frac{7.5}{sin(63°)}$$ |  W32$$\frac{12}{tan(46°)}$$ |
| W33$$\frac{2}{cos(72°)}$$ |  W34$$\frac{9}{tan⁡(36°)}$$ |
| W35$$tan⁡(36°)×9$$ |  W36$$\frac{7.5}{cos(63°)}$$ |
| A1**9.43 cm** |  A2**0.95 cm** |
| A3**3.39 cm** |  A4**7.95 cm** |
| A5**7.79 cm** |  A6**6.47 cm** |
| A7**3.77 cm** |  A8**16.58 cm** |
| A9**3.89 cm** |  A10**8.88 cm** |
| A11**8.42 cm** |  A12**5.03 cm** |
| A13**6.54 cm** |  A14**8.05 cm** |
| A15**3.09 cm** |  A16**9.53 cm** |
| A17**4.30 cm** |  A18**6.43 cm** |
| **Hypotenuse** |  **Adjacent** |
| **Opposite** |  **Sine** |
| **Cosine** | **Tangent** |
| **H****O****S** |  **C****a****H** |
| **T****o****a** |   |
|  |   |

**Answers**

|  |  |  |
| --- | --- | --- |
| **T1** | **W5** | **A1** |
| **T2** | **W1** | **A7** |
| **T3** | **W11** | **A4** |
| **T4** | **W19** | **A14** |
| **T5** | **W27** | **A10** |
| **T6** | **W2** | **A3** |
| **T7** | **W7** | **A5** |
| **T8** | **W18** | **A17** |
| **T9** | **W29** | **A8** |
| **T10** | **W9** | **A9** |
| **T11** | **W33** | **A6** |
| **T12** | **W24** | **A12** |
| **T13** | **W31** | **A11** |
| **T14** | **W26** | **A15** |
| **T15** | **W35** | **A13** |
| **T16** | **W22** | **A16** |
| **T17** | **W16** | **A18** |
| **T18** | **W20** | **A2** |