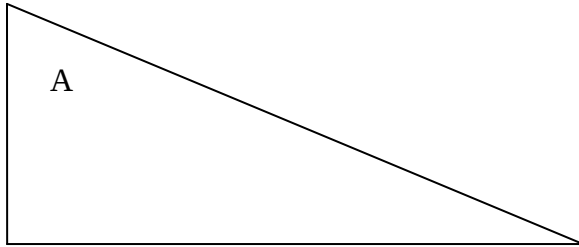


## Practicing Trigonometry

1. With reference to angle A, label the hypotenuse, opposite and adjacent sides



Use your calculator to find the angle size (to 2 decimal places) using the ratios given

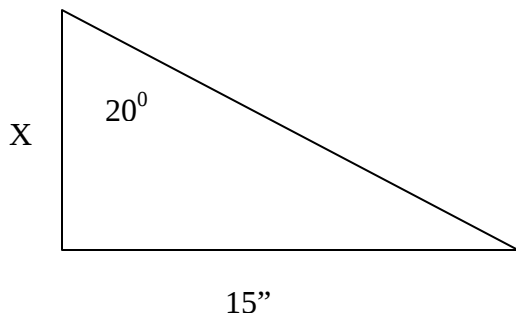
|   | Angle size   | Tan | Cos | Sin |
|---|--------------|-----|-----|-----|
| 2 | $7^\circ$    |     |     |     |
| 3 | $37.5^\circ$ |     |     |     |
| 4 | $48^\circ$   |     |     |     |
| 5 | $64^\circ$   |     |     |     |
| 6 | $89^\circ$   |     |     |     |

Use your calculator to convert the ratio to the angle size (to 2 decimal places)

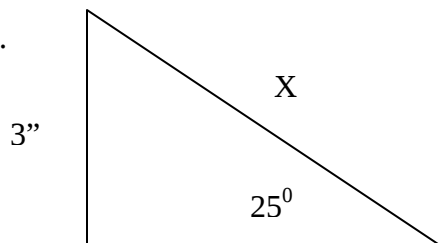
|    | Ratio        | Angle size |
|----|--------------|------------|
| 7  | (tan) 0.4165 |            |
| 8  | (sin) 0.7193 |            |
| 9  | (cos) 0.6947 |            |
| 10 | (tan) 0.3521 |            |
| 11 | (cos) 0.9986 |            |

Using sine, cosine or tangent ratios find the unknown lengths marked X.

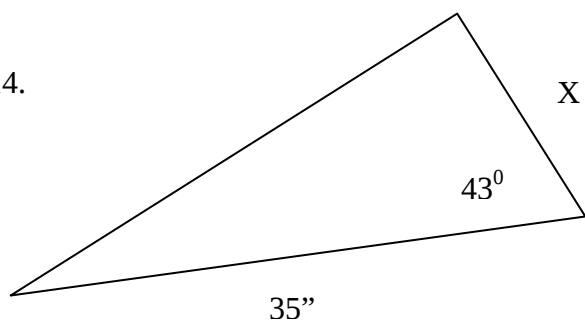
12.



13.



14.



15.

