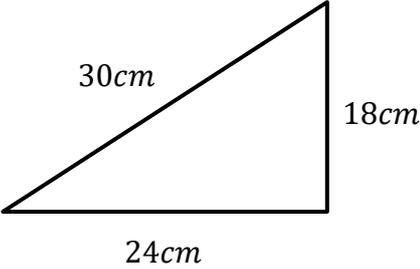
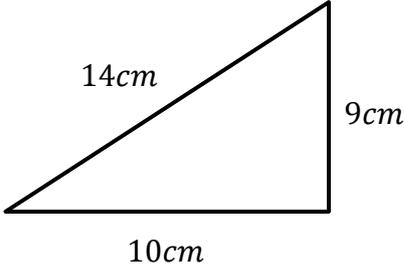
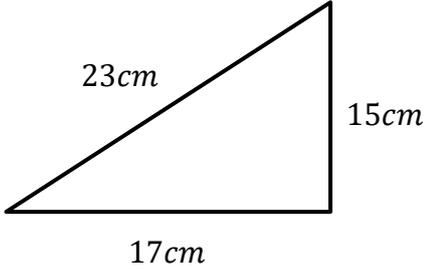
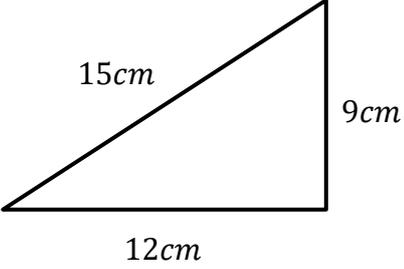
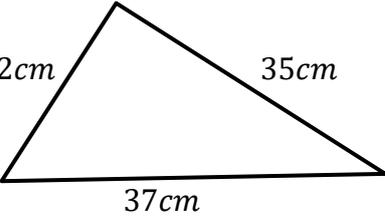
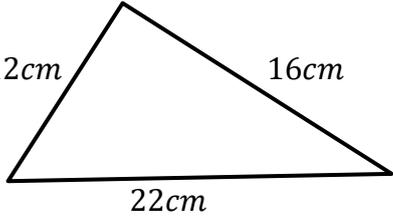
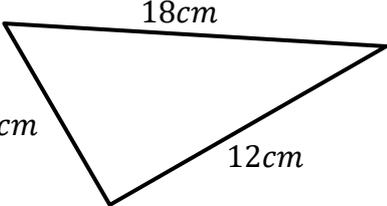
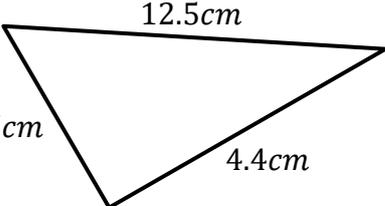
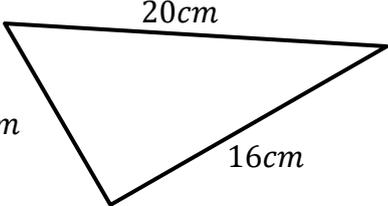


Pythagoras (Nat 5)

1. Determine which of the following triangles are right angled

- | | | |
|--|---|--|
| <p>a.</p>  | <p>b.</p>  | <p>c.</p>  |
| <p>d.</p>  | <p>e.</p>  | <p>f.</p>  |
| <p>g.</p>  | <p>h.</p>  | <p>i.</p>  |

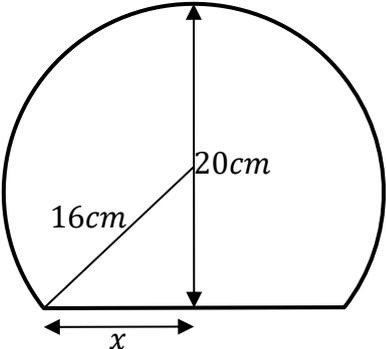
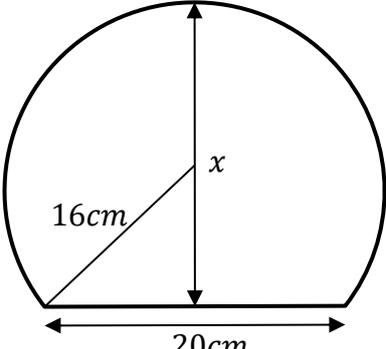
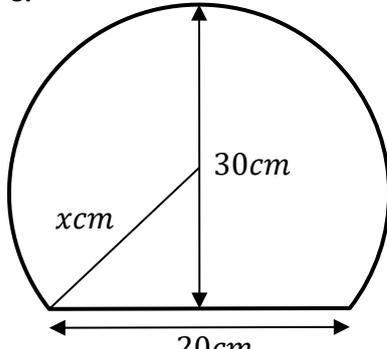
2. By sketching the following coordinates, calculate the distance between the following coordinates:

- | | | |
|-------------------------|------------------------|-------------------------|
| a. (3, 1) and (8, 9) | b. (-4, 1) and (4, 8) | c. (8, 3) and (-4, -5) |
| d. (-5, -3) and (1, 10) | e. (6, -9) and (-4, 8) | f. (-3, -2) and (3, -9) |

3. Calculate the distance between the coordinates:

- | | | |
|----------------------------|----------------------------|-----------------------------|
| a. (33, 17) and (18, 29) | b. (-14, 10) and (14, 28) | c. (18, 32) and (-14, -25) |
| d. (-24, -24) and (24, 24) | e. (26, -19) and (-14, 18) | f. (-31, -24) and (38, -91) |

4. Calculate the length of x :

- | | | |
|---|---|---|
| <p>a.</p>  | <p>b.</p>  | <p>c.</p>  |
|---|---|---|