

# Matemàtiques

## Geometria

### Trigonometria

*Resoldre els següents triangles a partir del valor dels tres costats*

1.  $a = 10; b = 7; c = 5$

*sol:  $A = 111,80^\circ; B = 40,54^\circ; C = 27,66^\circ$*

2.  $a = 20; b = 6; c = 16$

*sol:  $A = 124,23^\circ; B = 14,36^\circ; C = 41,41^\circ$*

3.  $a = 4; b = 9; c = 11$

*sol:  $A = 20,05^\circ; B = 50,48^\circ; C = 109,47^\circ$*

4.  $a = 25; b = 14; c = 30$

*sol:  $A = 55,89^\circ; B = 27,63^\circ; C = 96,48^\circ$*

5.  $a = 6; b = 12; c = 9$

*sol:  $A = 28,96^\circ; B = 104,48^\circ; C = 46,56^\circ$*



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