A picture containing drawing

Description automatically generated**Exact Value Trigonometry GREEN**

1. Find the exact values of:

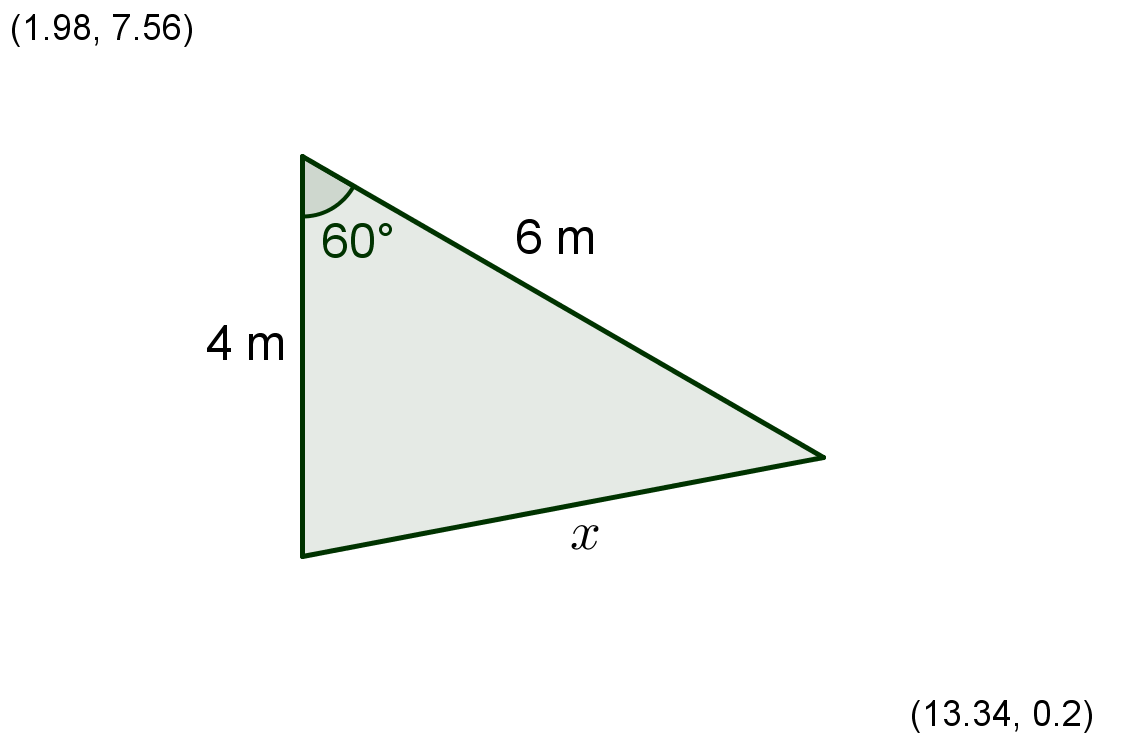
a) \_\_\_\_ b) \_\_\_\_ c) \_\_\_\_

d) \_\_\_\_ e) \_\_\_\_ f) \_\_\_\_

2. If , find the values of:

a) \_\_\_\_ b) \_\_\_\_

3. Find the value of when \_\_\_\_

4. For the triangle shown opposite, calculate:

a) the area of this triangle \_\_\_\_ m²

b) the exact length of the third side, \_\_\_\_ m

5. Arrange the following in order of size starting with the smallest:

Justify your answer.

\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_

A picture containing drawing

Description automatically generated**Exact Value Trigonometry AMBER**

Remember the graphs are periodic and symmetrical (excluding tangent!)

1. Find the exact values of:

a) \_\_\_\_ b) \_\_\_\_ c) \_\_\_\_

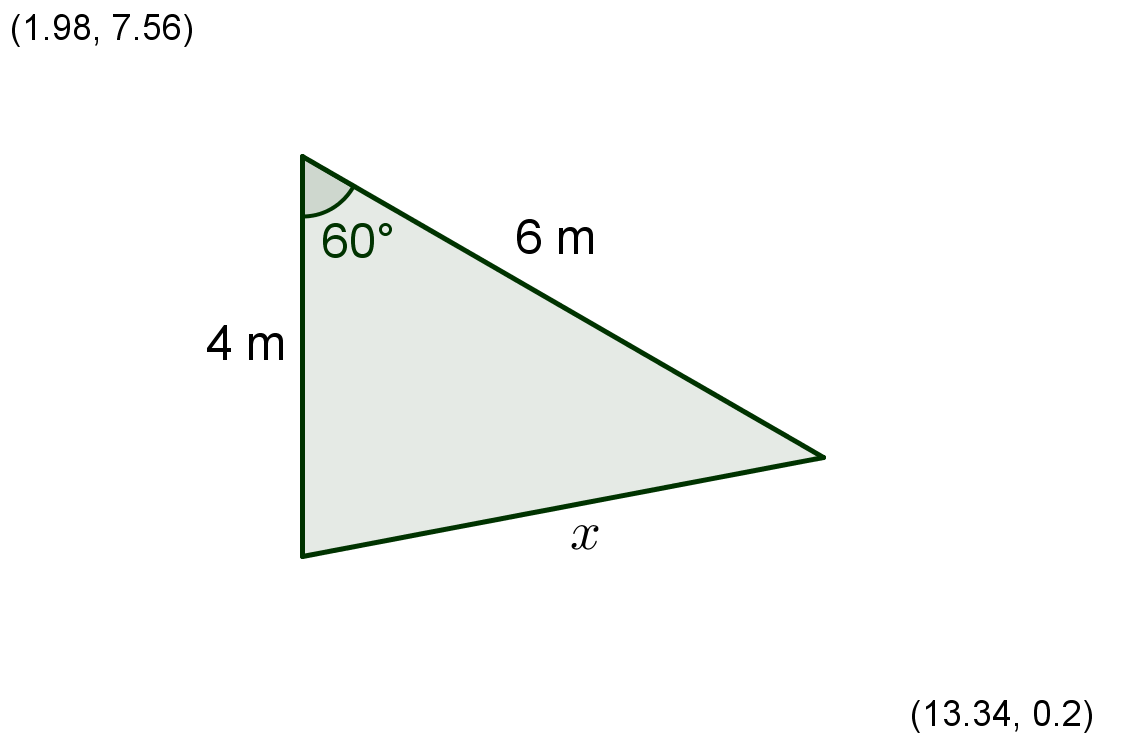
d) \_\_\_\_ e) \_\_\_\_ f) \_\_\_\_

2. If , find the values of:

Use your table!

a) \_\_\_\_ b) \_\_\_\_

3. Find the value of when \_\_\_\_

4. For the triangle shown opposite, calculate:

a) the area of this triangle \_\_\_\_ m²

Area

b) the exact length of the third side, \_\_\_\_ m

5. Arrange the following in order of size starting with the smallest:

Justify your answer.

\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_

**Exact Value Trigonometry AMBER**

1. Find the exact values of:

a) \_\_\_\_ b) \_\_\_\_ c) \_\_\_\_

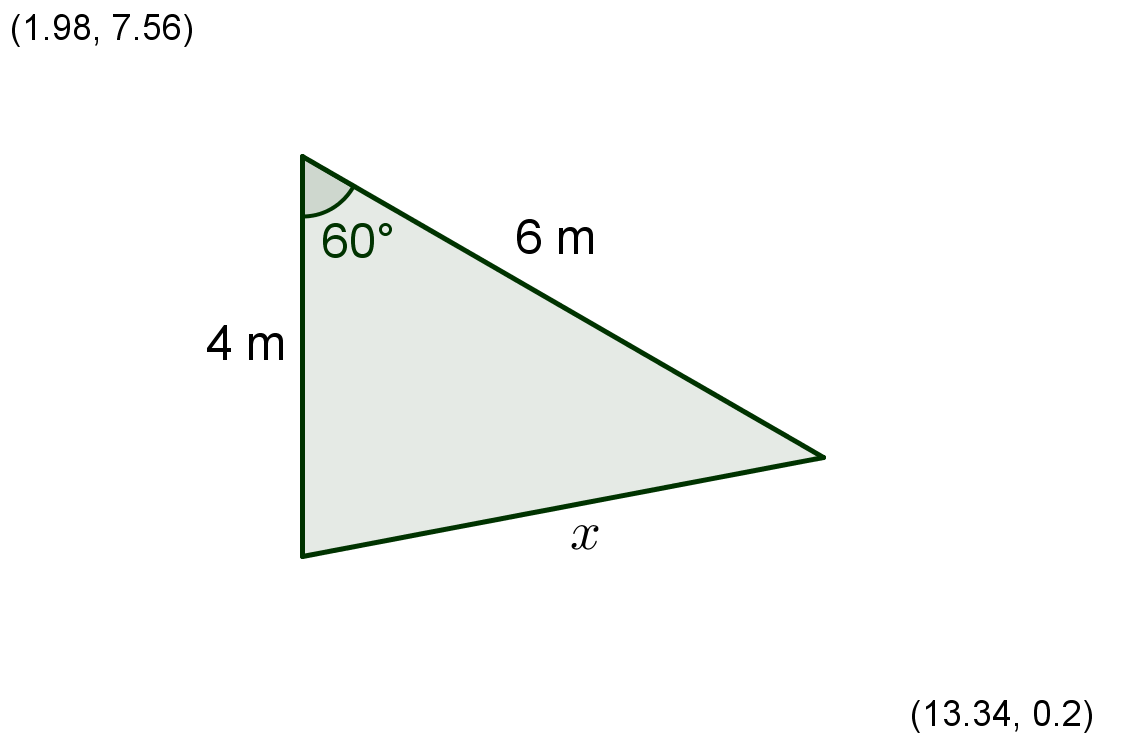
d) \_\_\_\_ e) \_\_\_\_ f) \_\_\_\_

2. If , find the values of:

Use your table!

a) \_\_\_\_ b) \_\_\_\_

3. Find the value of when \_\_\_\_

4. For the triangle shown opposite, calculate:

a) the **exact** area of this triangle \_\_\_\_ m²

Area

Area

b) the **exact** length of the third side, \_\_\_\_ m

5. Arrange the following in order of size starting with the smallest:

Remember the graphs are periodic and symmetrical (excluding tangent!) and use your table.

Justify your answer.

\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_