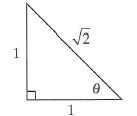
TRIGONOMETRY

<\_\_\_question>

Type=1

<\_block>

Which of these is the size of Ѳ in the below figure ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

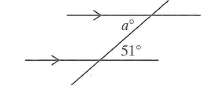
[A]

<\_\_\_question>

Type=1

<\_block>

Which of these is the value of *a* in the below figure ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

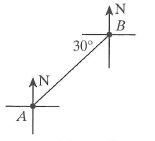
<\_block>

[C]

<\_\_\_question>

Type=1

<\_block>

Which of these is the bearing of *A* from *B* in the below figure ? 

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

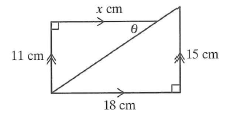
[D]

<\_\_\_question>

Type=1

<\_block>

Which of these is the size of Ѳ, correct to the nearest minute in the below figure ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[B]

<\_\_\_question>

Type=1

<\_block>

Which of these is negative ?

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[C]

<\_\_\_question>

Type=1

<\_block>

Boat *A* is 40 km south and 25 km west of Boat *B*. Which of these is closest to the bearing of Boat *A* from Boat *B* ?

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

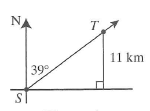
[B]

<\_\_\_question>

Type=1

<\_block>

Using the below figure how far east of S is T, correct to three significant figures *?*



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

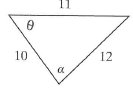
[A]

<\_\_\_question>

Type=1

<\_block>

Using the below figure which of these is the size of the missing angle, to the nearest minute ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

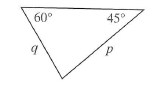
[A]

<\_\_\_question>

Type=1

<\_block>

Using the below figure, if *q = 4*, which of these is the area of the triangle, correct to two decimal places ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D] \*

<\_block>

[B]

<\_\_\_question>

Type=1

<\_block>

What is the value of 8 ÷ cos 68°, correct to two decimal places ?

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[D]