

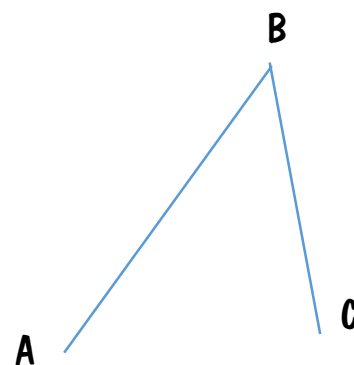
ACTION

RESPONSE

Fluency



- 1) Draw a 6mm line label it AB.
- 2) Draw an angle ABC of 38° using your previous line from question 1.
- 3) Construct a loci that is 4cm from C.
- 4) Construct a perpendicular bisector of the line AB.
- 5) Construct an angle bisector of the angle ABC.
- 6) Draw a loci that is 5cm away from the line AB



Reasoning



- 1) Construct an equilateral triangle.
- 2) Construct a 45° angle.
- 3) Draw a rhombus.

Problem Solving



A mobile signal can only be received 100mile from a mast. Where is the best place to put a mast so it can be received from 3 towns A, B and C?

Or

Two goats graze in a field of length 18m and width 14m. The goats are tethered to opposite corners of the field by a rope of length 12m. Where are the goats able to graze?



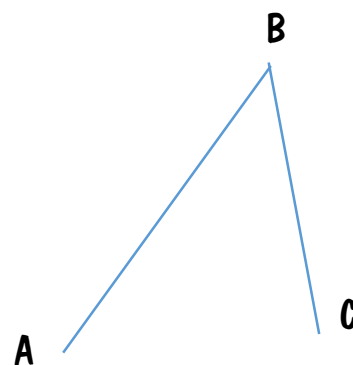
ACTION

RESPONSE

Fluency



- 7) Draw a 6mm line label it AB.
- 8) Draw an angle ABC of 38° using your previous line from question 1.
- 9) Construct a loci that is 4cm from C.
- 10) Construct a perpendicular bisector of the line AB.
- 11) Construct an angle bisector of the angle ABC.
- 12) Draw a loci that is 5cm away from the line AB



Reasoning



- 1) Construct an equilateral triangle.
- 2) Construct a 45° angle.
- 3) Draw a rhombus.

Problem Solving



A mobile signal can only be received 100mile from a mast. Where is the best place to put a mast so it can be received from 3 towns A, B and C?

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