NEWFOUNDLAND AND LABRADOR MATHEMATICS 2201 · UNIT C · 5 QUESTIONS

Angle Geometry, Trigonometry and Scale Diagrams — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Think about the idea. The right triangle shown has legs 6 and 8. Its hypotenuse is**

- **A** 10
- **B** 14
- **C** 12
- **D** 48

Understand It with Pulse | Flag a mistake

2 **Sparkling round brilliant-cut diamond on a white surface. Recall the idea. Parallel lines cut by a transversal make alternate interior angles**



A supplementary

B equal

C complementary

D unrelated

Understand It with Pulse | Flag a mistake

3 **Apply the idea. In a triangle, angle A is 30°, side a is 10, and angle B is 45°. Side b, to one decimal place, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An inscribed angle subtends the same arc as a central angle of 120°. The inscribed angle, in degrees, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Review the idea. Corresponding angles formed by parallel lines and a transversal are**

A equal

B supplementary

C complementary

D always right angles

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. 14.1
4. 60
5. A

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