

Info Gap: Trigonometry

**Problem Card 1**

Calculate the lengths of sides  $AB$  and  $BC$ .

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**Data Card 1**

- The triangle is named  $ABC$ .
- Angle  $C$  is a right angle.
- Angle  $A$  is 42 degrees.
- Side  $AC$  is 4 centimeters.
- Side  $AB$  is the hypotenuse.

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**Problem Card 2**

Calculate the lengths of sides  $EF$  and  $DF$ .

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**Data Card 2**

- The triangle is named  $DEF$ .
- Angle  $E$  is a right angle.
- Angle  $F$  is 71 degrees.
- Side  $DF$  is the hypotenuse.
- Side  $DE$  is 5 centimeters.