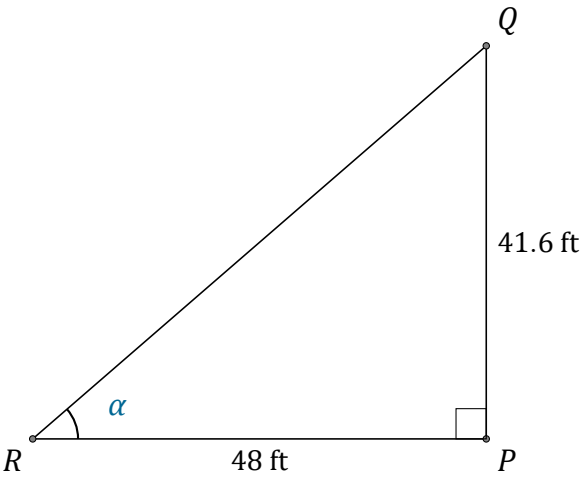
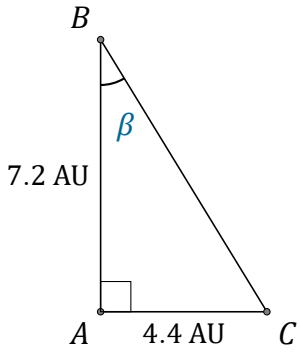
Tangent Ratio (A)

Name: _____ Date: _____

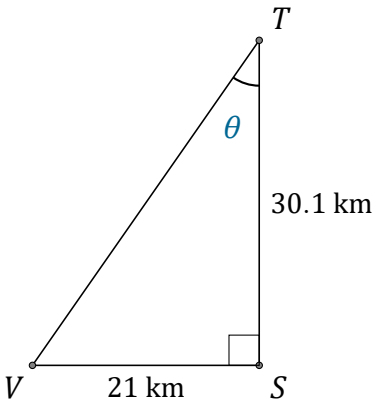
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



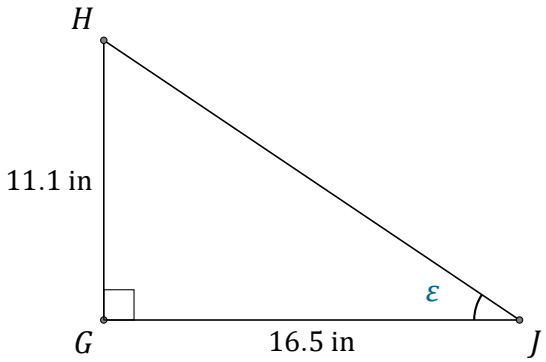
$\alpha = \angle PRQ =$ _____



$\beta = \angle ABC =$ _____



$\theta = \angle STV =$ _____

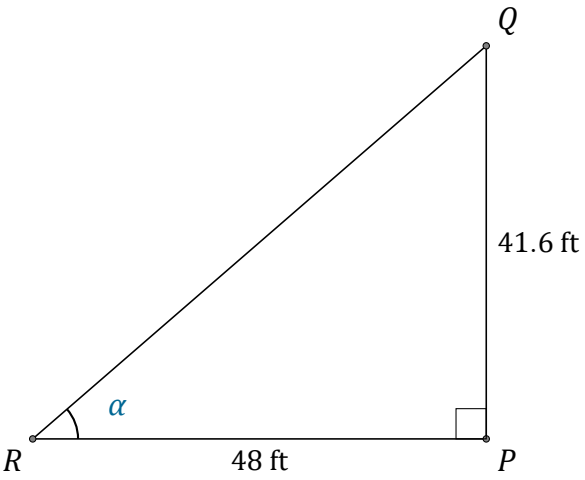


$\varepsilon = \angle GJH =$ _____

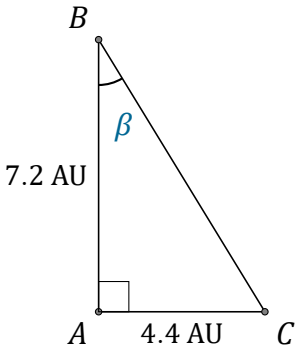
Tangent Ratio (A) Answers

Name: _____ Date: _____

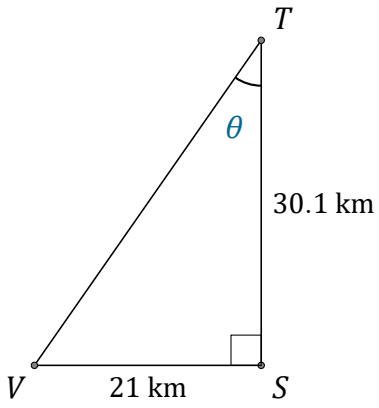
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



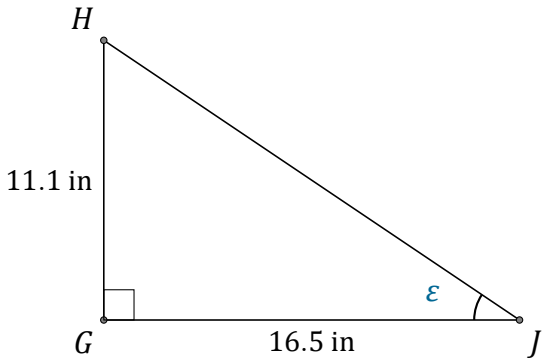
$\alpha = \angle PRQ =$ 40.9°



$\beta = \angle ABC =$ 31.4°



$\theta = \angle STV =$ 34.9°

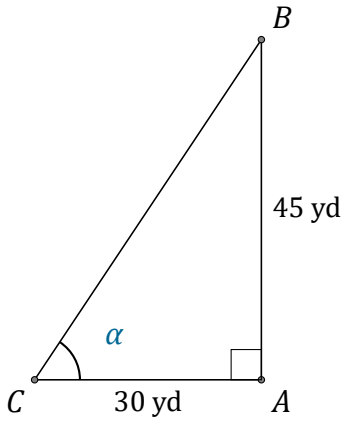


$\varepsilon = \angle GJH =$ 33.9°

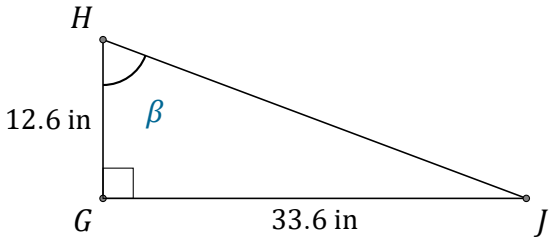
Tangent Ratio (B)

Name: _____ Date: _____

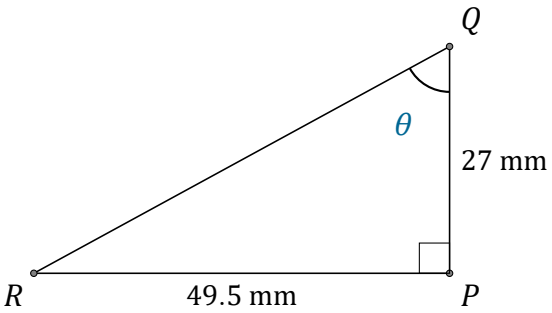
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



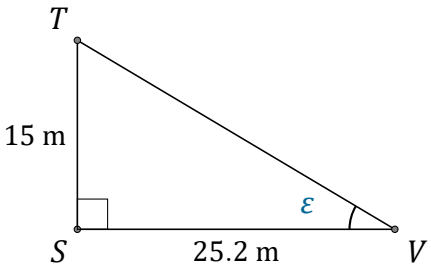
$\alpha = \angle ACB =$ _____



$\beta = \angle GHJ =$ _____



$\theta = \angle PQR =$ _____

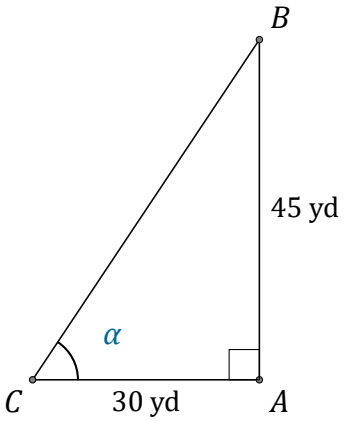


$\varepsilon = \angle SVT =$ _____

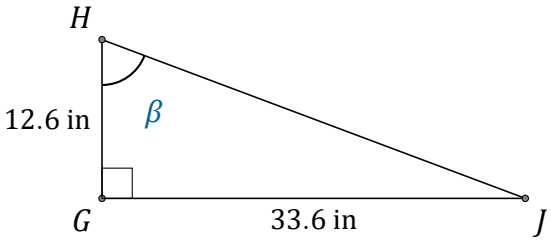
Tangent Ratio (B) Answers

Name: _____ Date: _____

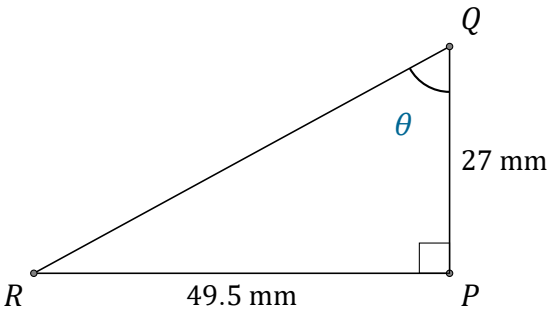
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



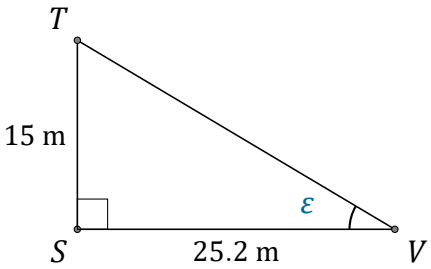
$\alpha = \angle ACB =$ 56.3°



$\beta = \angle GHJ =$ 69.4°



$\theta = \angle PQR =$ 61.4°

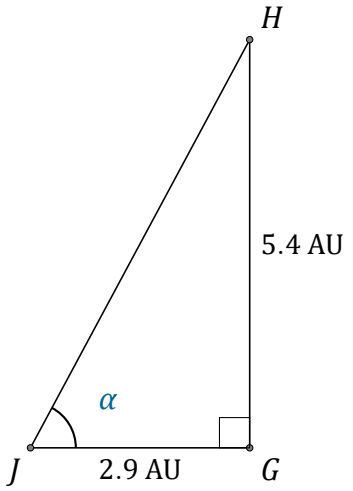


$\varepsilon = \angle SVT =$ 30.8°

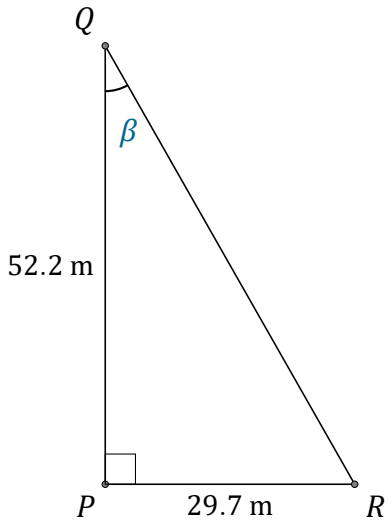
Tangent Ratio (C)

Name: _____ Date: _____

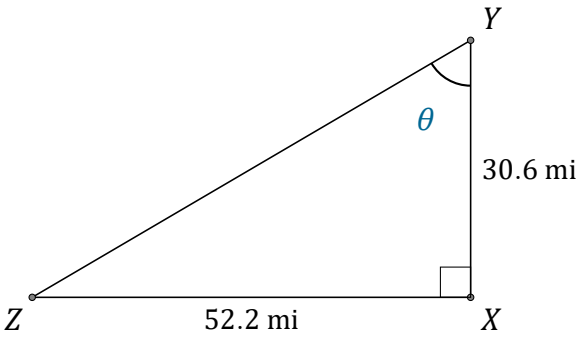
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



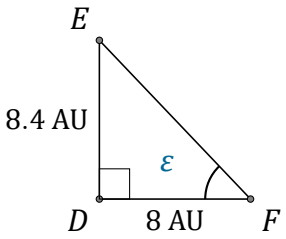
$\alpha = \angle GJH =$ _____



$\beta = \angle PQR =$ _____



$\theta = \angle XYZ =$ _____

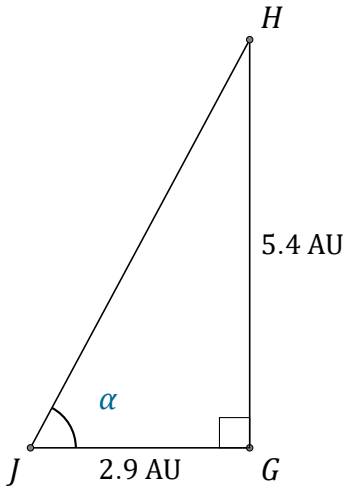


$\varepsilon = \angle DFE =$ _____

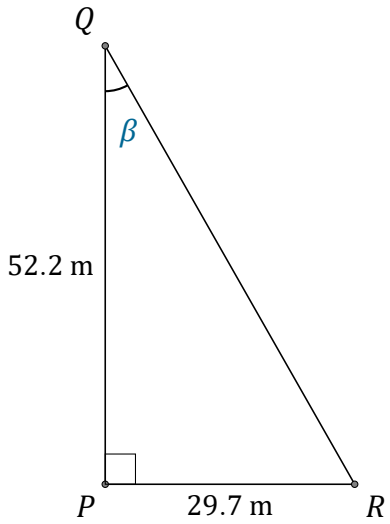
Tangent Ratio (C) Answers

Name: _____ Date: _____

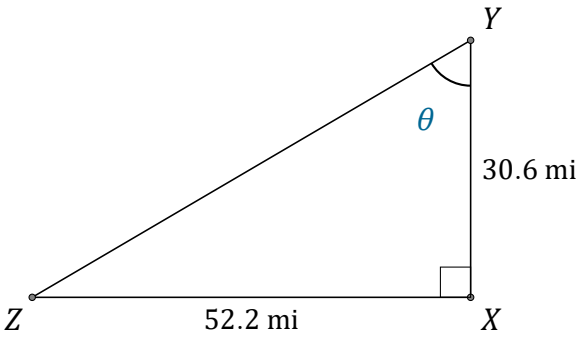
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



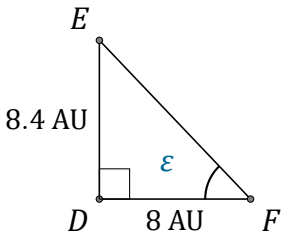
$\alpha = \angle GJH =$ 61.8°



$\beta = \angle PQR =$ 29.6°



$\theta = \angle XYZ =$ 59.6°

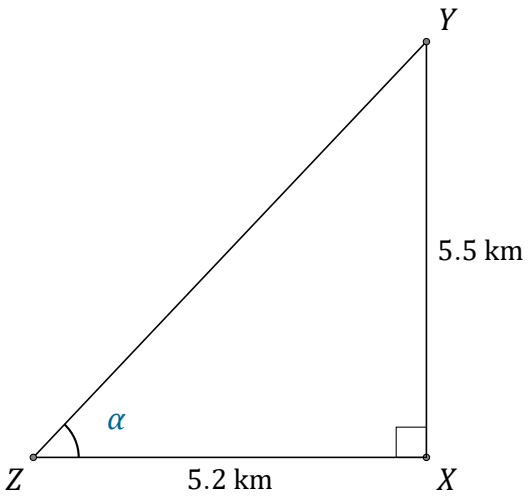


$\varepsilon = \angle DFE =$ 46.4°

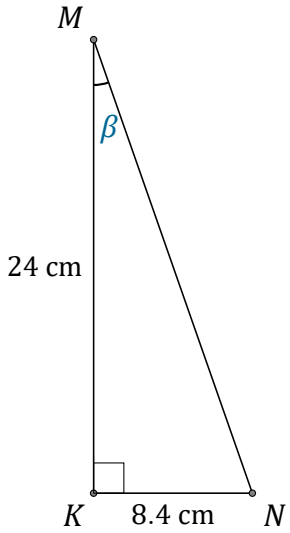
Tangent Ratio (D)

Name: _____ Date: _____

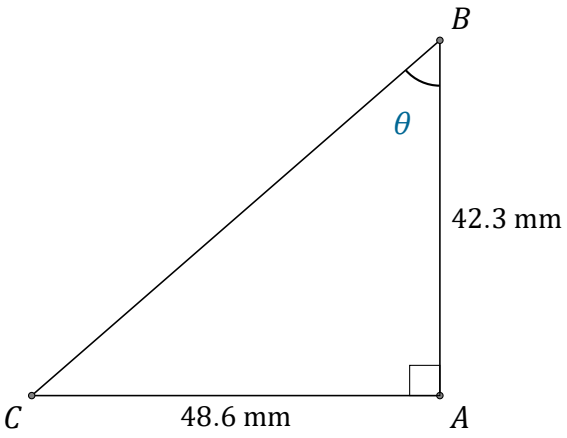
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



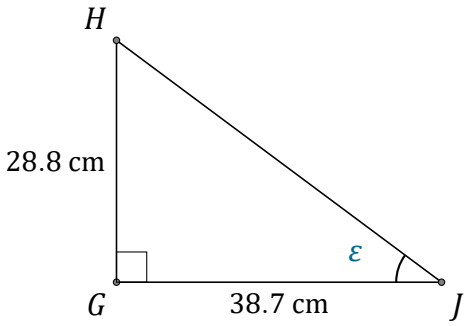
$\alpha = \angle XZY =$ _____



$\beta = \angle KMN =$ _____



$\theta = \angle ABC =$ _____

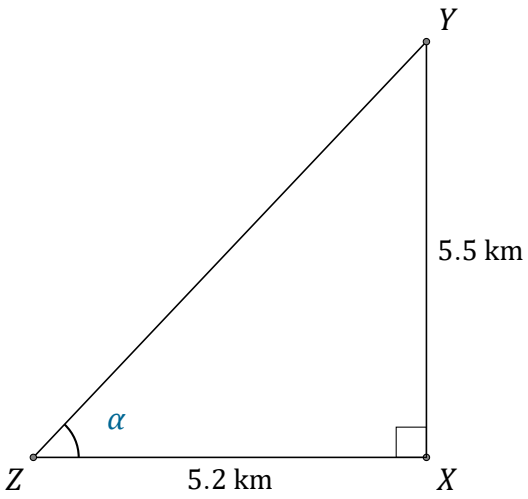


$\varepsilon = \angle GJH =$ _____

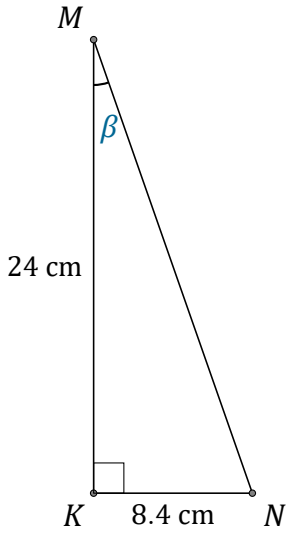
Tangent Ratio (D) Answers

Name: _____ Date: _____

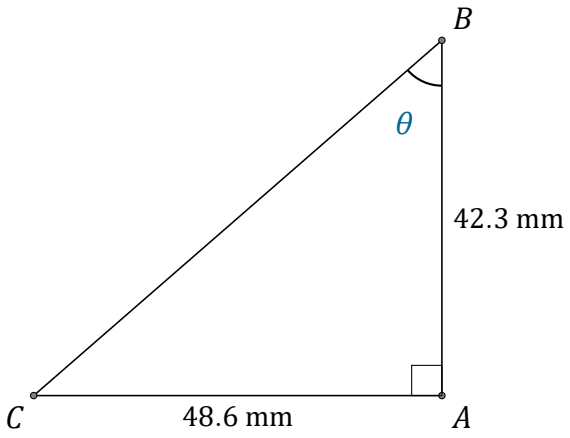
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



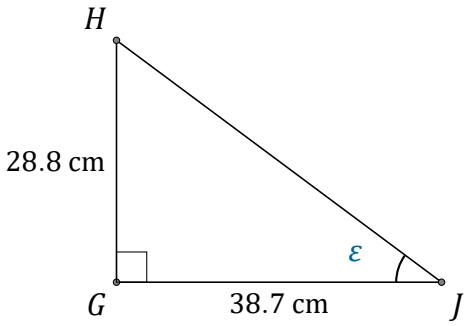
$\alpha = \angle XZY =$ 46.6°



$\beta = \angle KMN =$ 19.3°



$\theta = \angle ABC =$ 49°

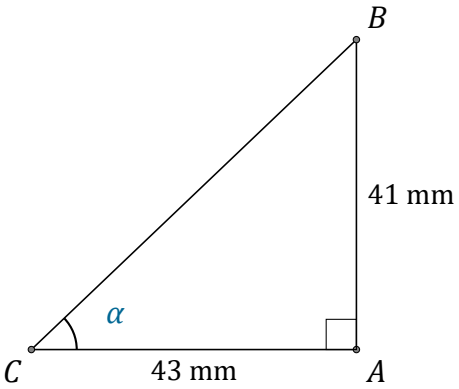


$\varepsilon = \angle GJH =$ 36.7°

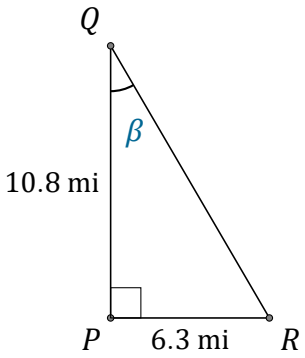
Tangent Ratio (E)

Name: _____ Date: _____

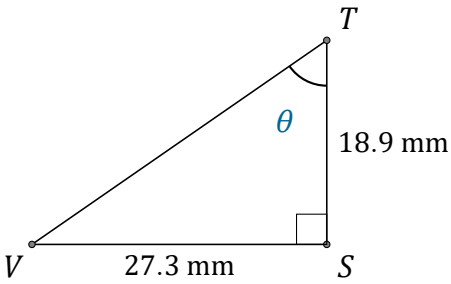
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



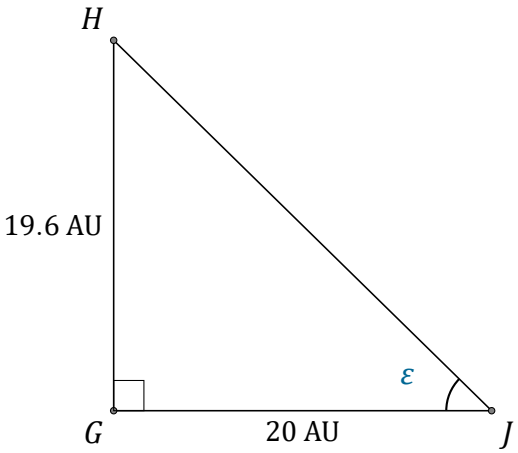
$\alpha = \angle ACB =$ _____



$\beta = \angle PQR =$ _____



$\theta = \angle STV =$ _____

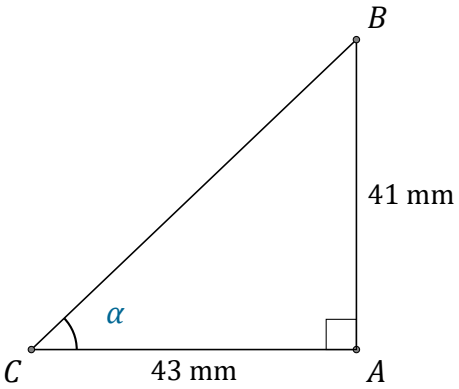


$\varepsilon = \angle GJH =$ _____

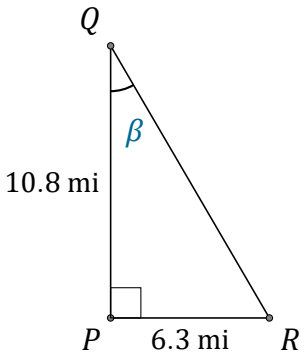
Tangent Ratio (E) Answers

Name: _____ Date: _____

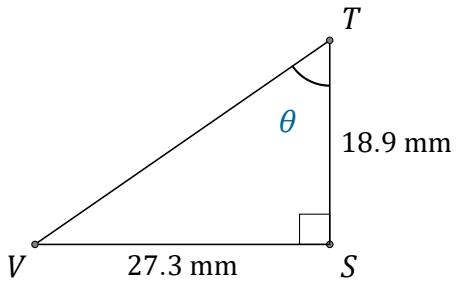
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



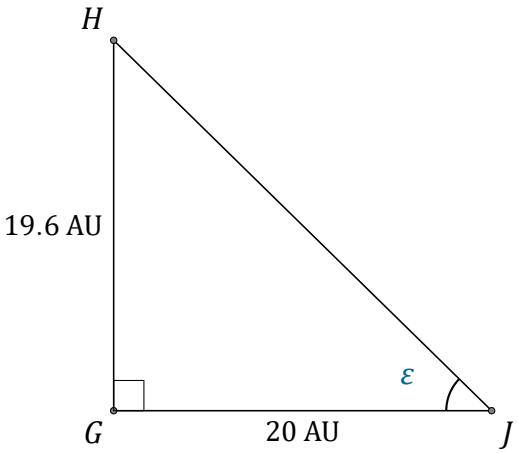
$\alpha = \angle ACB =$ 43.6°



$\beta = \angle PQR =$ 30.3°



$\theta = \angle STV =$ 55.3°

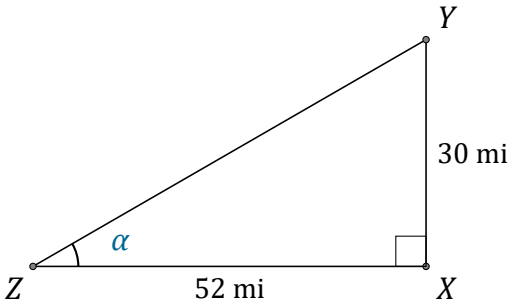


$\varepsilon = \angle GJH =$ 44.4°

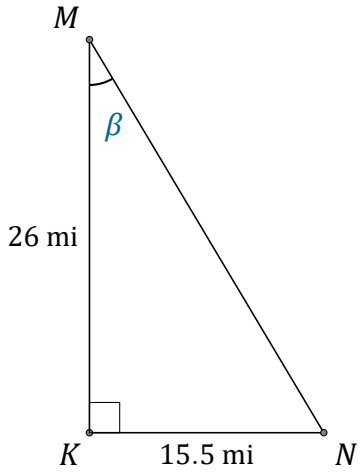
Tangent Ratio (F)

Name: _____ Date: _____

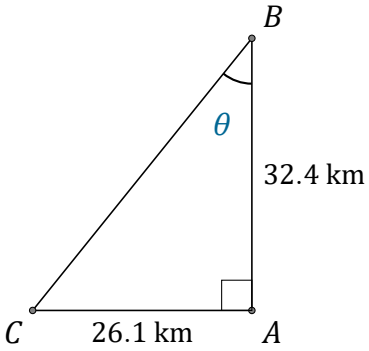
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



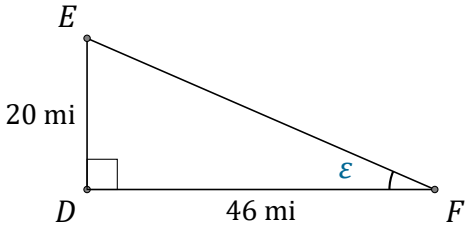
$\alpha = \angle XZY =$ _____



$\beta = \angle KMN =$ _____



$\theta = \angle ABC =$ _____

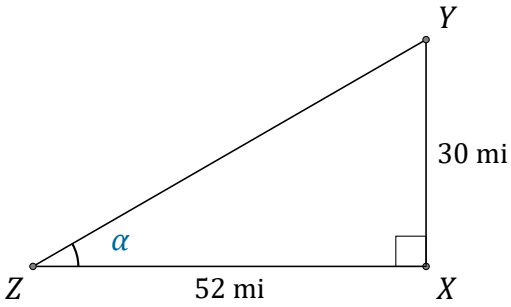


$\varepsilon = \angle DFE =$ _____

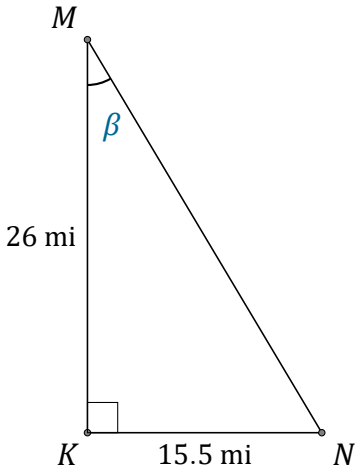
Tangent Ratio (F) Answers

Name: _____ Date: _____

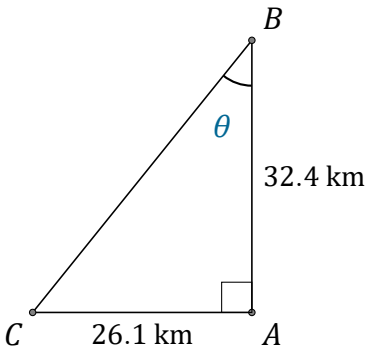
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



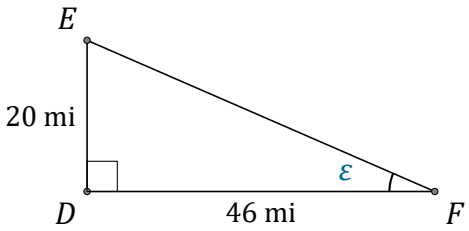
$\alpha = \angle XZY =$ 30°



$\beta = \angle KMN =$ 30.8°



$\theta = \angle ABC =$ 38.9°

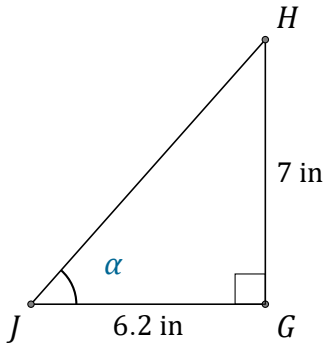


$\varepsilon = \angle DFE =$ 23.5°

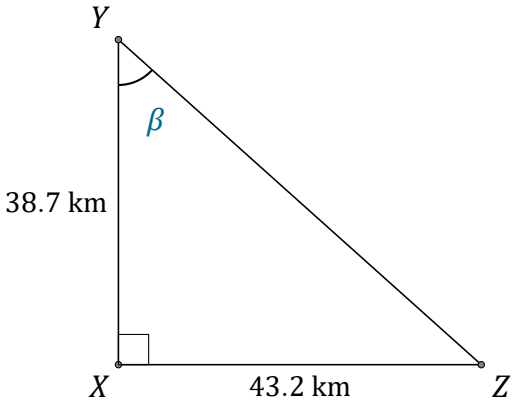
Tangent Ratio (G)

Name: _____ Date: _____

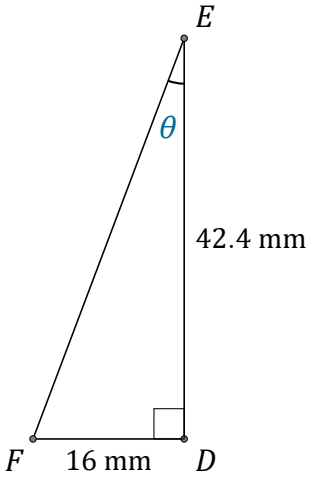
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



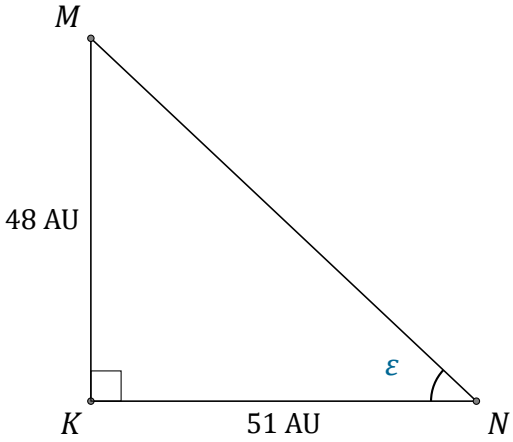
$\alpha = \angle GJH =$ _____



$\beta = \angle XYZ =$ _____



$\theta = \angle DEF =$ _____

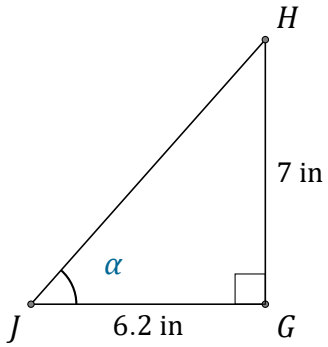


$\varepsilon = \angle KNM =$ _____

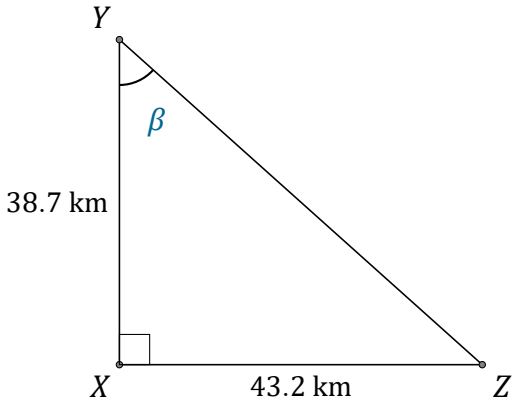
Tangent Ratio (G) Answers

Name: _____ Date: _____

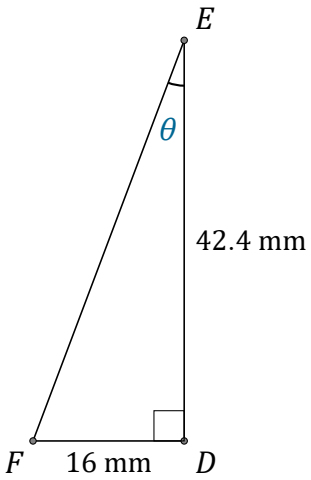
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



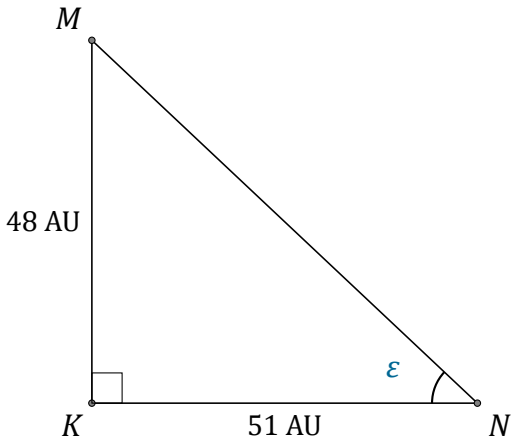
$\alpha = \angle GJH =$ 48.5°



$\beta = \angle XYZ =$ 48.1°



$\theta = \angle DEF =$ 20.7°

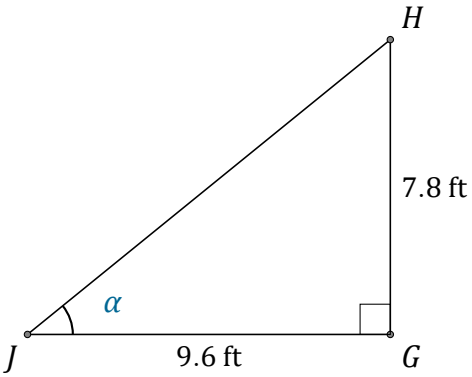


$\varepsilon = \angle KNM =$ 43.3°

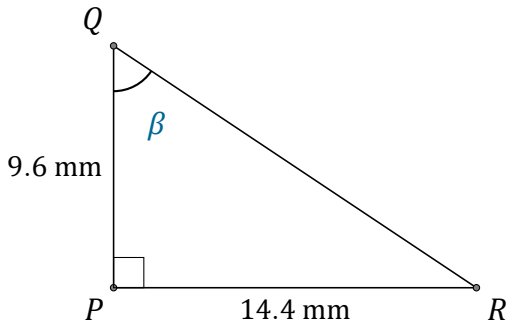
Tangent Ratio (H)

Name: _____ Date: _____

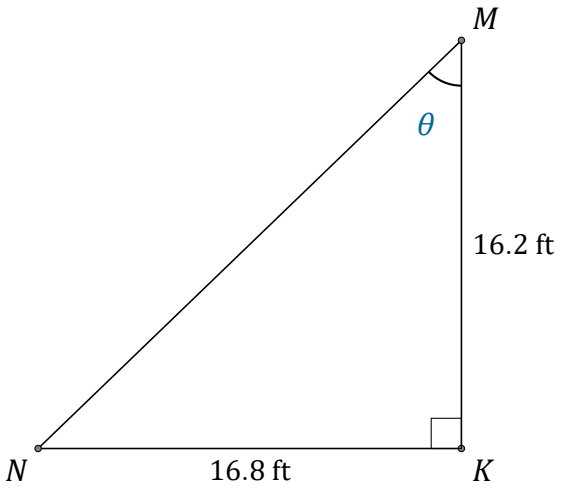
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



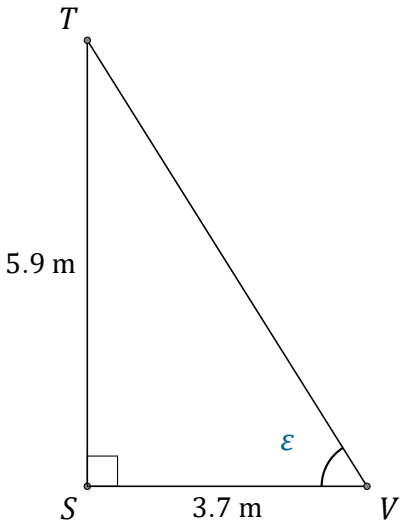
$\alpha = \angle GJH =$ _____



$\beta = \angle PQR =$ _____



$\theta = \angle KMN =$ _____

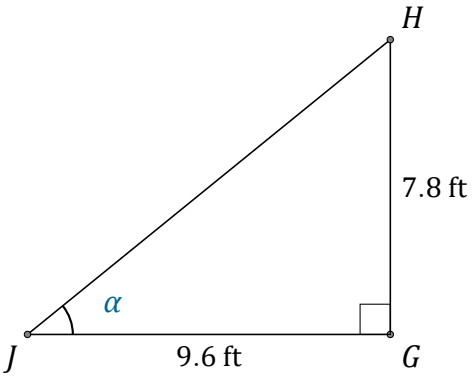


$\varepsilon = \angle SVT =$ _____

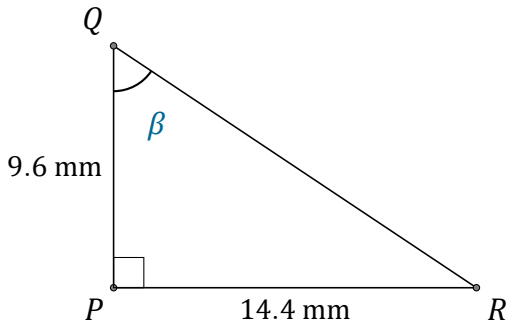
Tangent Ratio (H) Answers

Name: _____ Date: _____

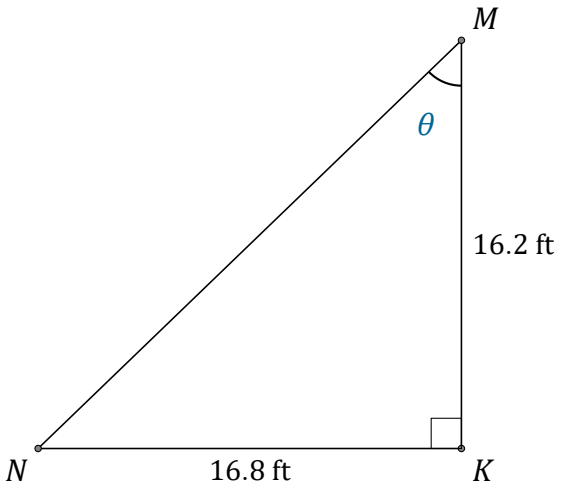
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



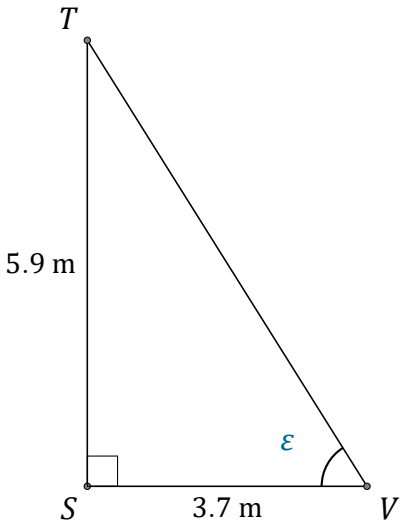
$\alpha = \angle GJH =$ 39.1°



$\beta = \angle PQR =$ 56.3°



$\theta = \angle KMN =$ 46°

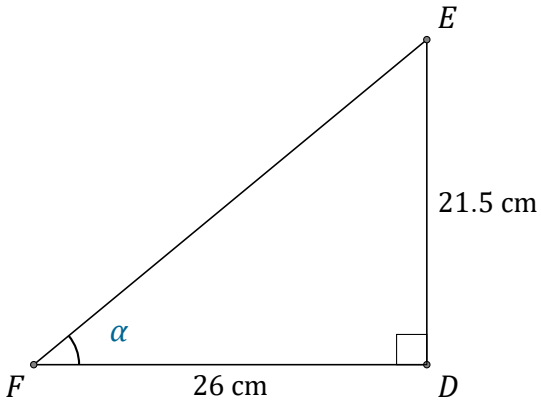


$\varepsilon = \angle SVT =$ 57.9°

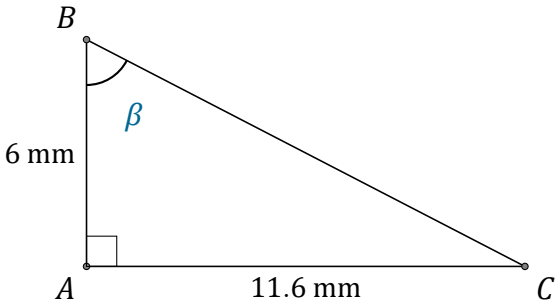
Tangent Ratio (I)

Name: _____ Date: _____

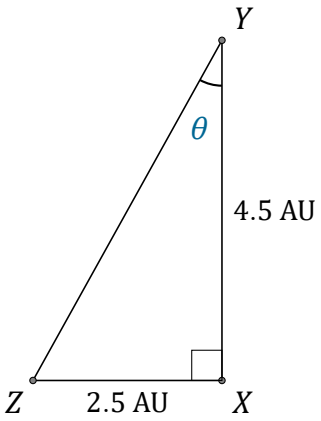
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



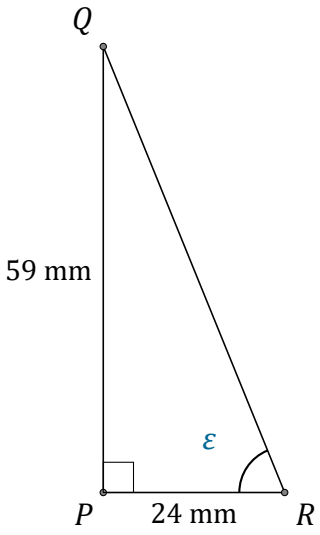
$\alpha = \angle DFE =$ _____



$\beta = \angle ABC =$ _____



$\theta = \angle XYZ =$ _____

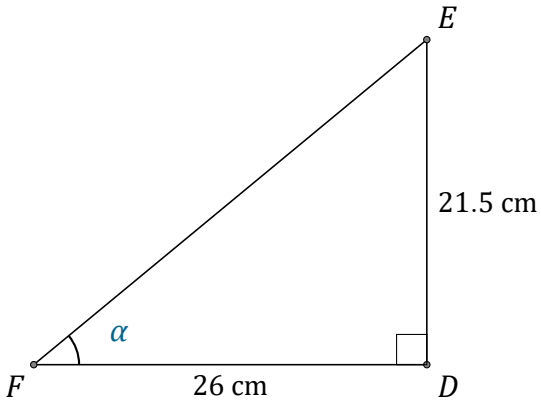


$\varepsilon = \angle PRQ =$ _____

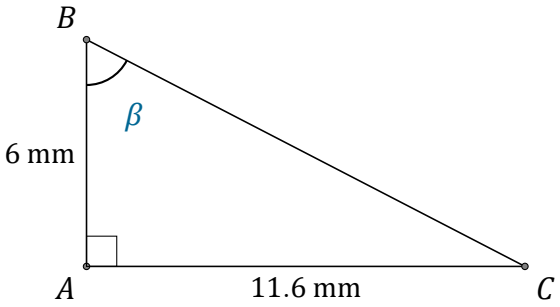
Tangent Ratio (I) Answers

Name: _____ Date: _____

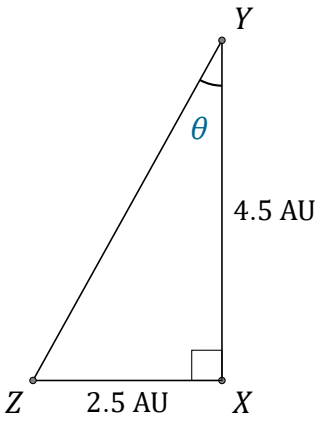
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



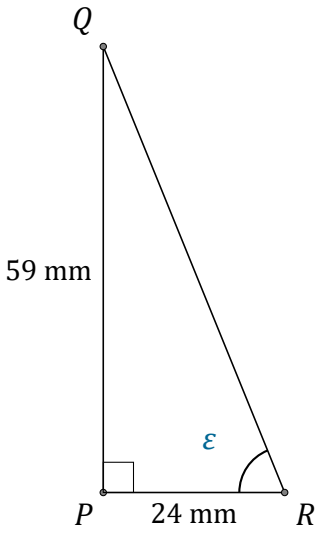
$\alpha = \angle DFE =$ 39.6°



$\beta = \angle ABC =$ 62.7°



$\theta = \angle XYZ =$ 29.1°

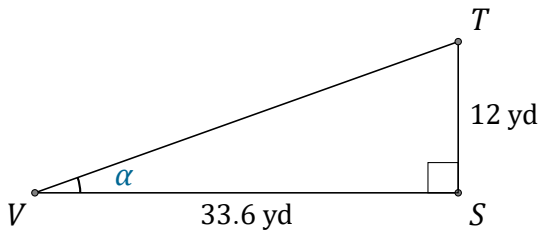


$\varepsilon = \angle PRQ =$ 67.9°

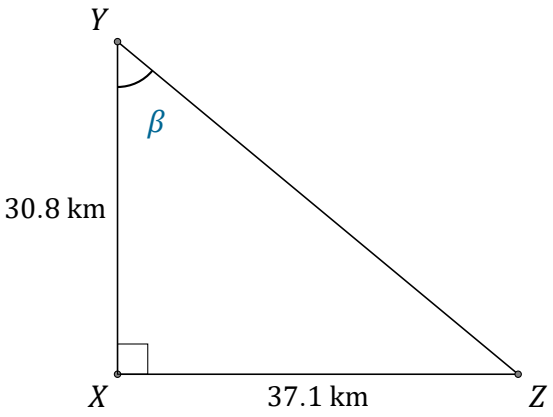
Tangent Ratio (J)

Name: _____ Date: _____

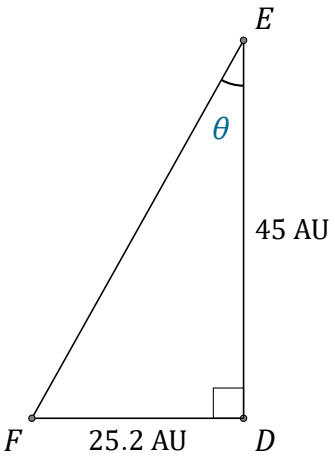
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



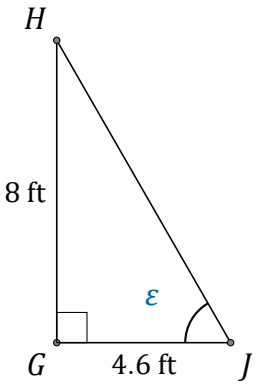
$\alpha = \angle SVT =$ _____



$\beta = \angle XYZ =$ _____



$\theta = \angle DEF =$ _____

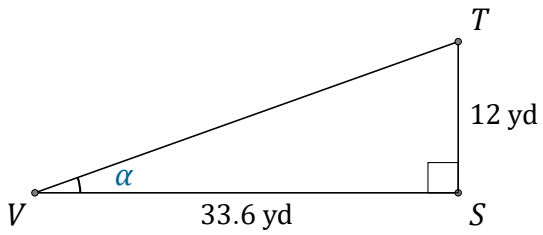


$\varepsilon = \angle GJH =$ _____

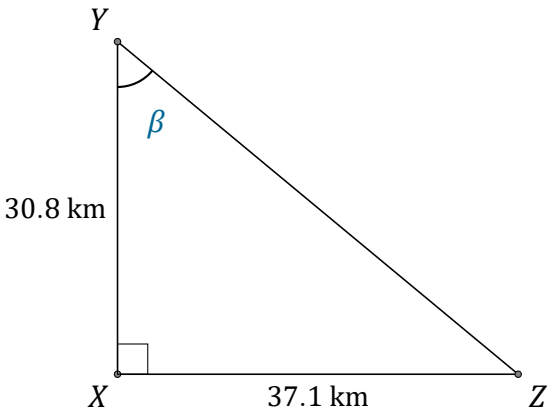
Tangent Ratio (J) Answers

Name: _____ Date: _____

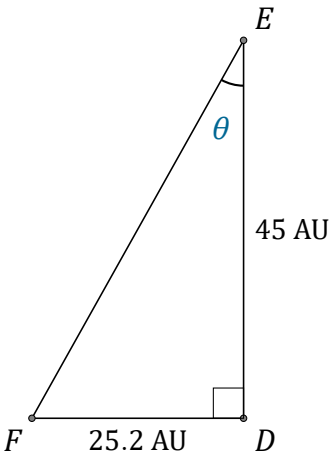
Calculate the angle values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



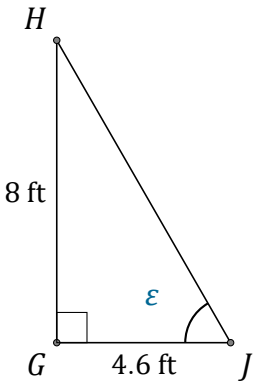
$\alpha = \angle SVT =$ 19.7°



$\beta = \angle XYZ =$ 50.3°



$\theta = \angle DEF =$ 29.2°



$\varepsilon = \angle GJH =$ 60.1°