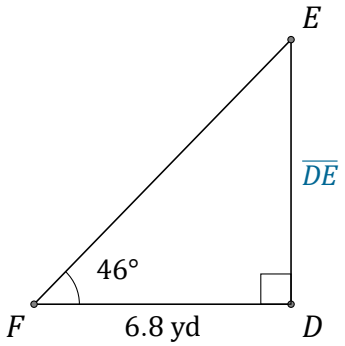
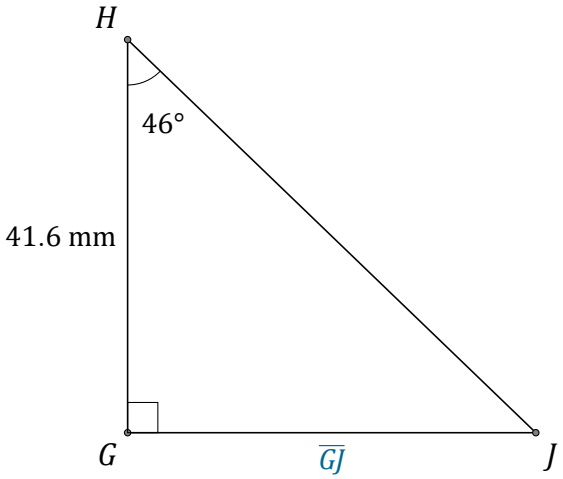
Tangent Ratio (A)

Name: _____ Date: _____

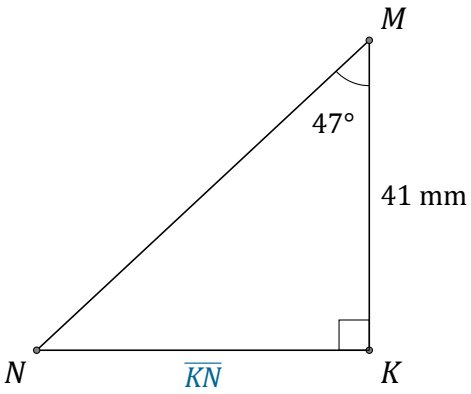
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



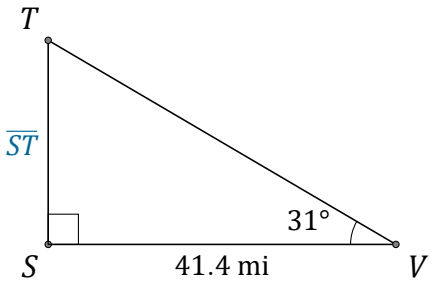
$\overline{DE} =$ _____



$\overline{GJ} =$ _____



$\overline{KN} =$ _____

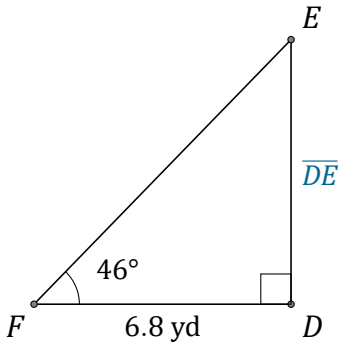


$\overline{ST} =$ _____

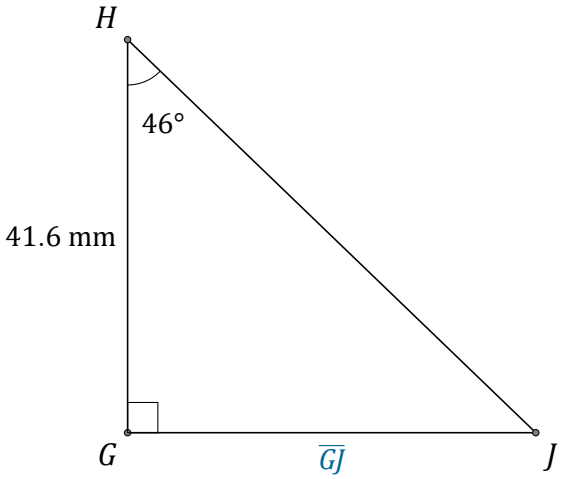
Tangent Ratio (A) Answers

Name: _____ Date: _____

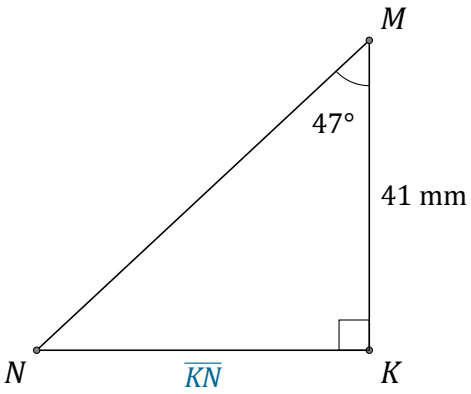
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



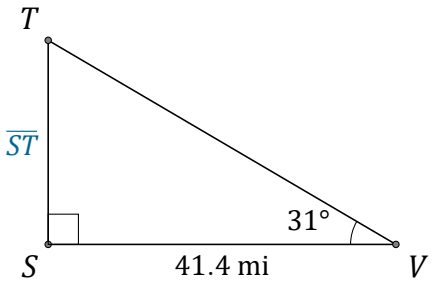
$\overline{DE} =$ 7 yd



$\overline{GJ} =$ 43.1 mm



$\overline{KN} =$ 44 mm

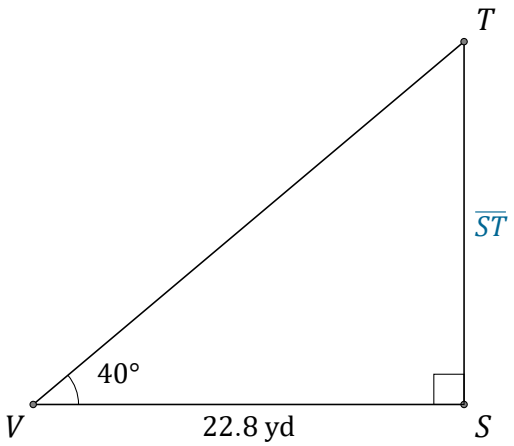


$\overline{ST} =$ 24.9 mi

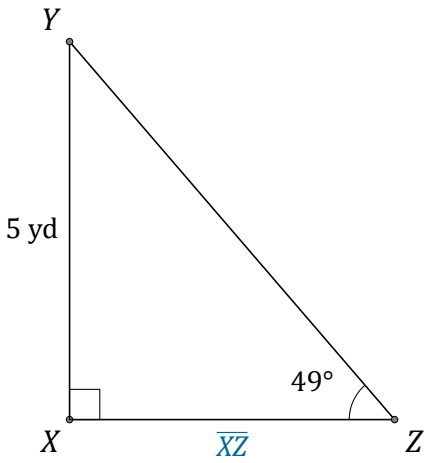
Tangent Ratio (B)

Name: _____ Date: _____

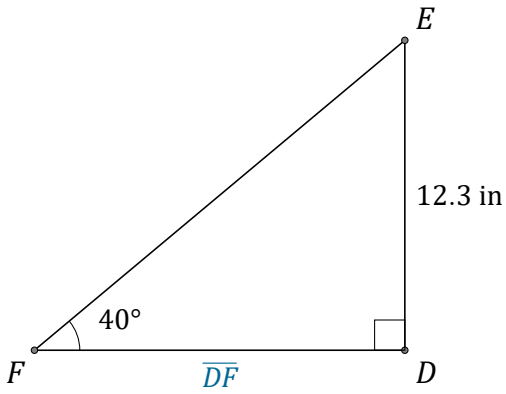
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



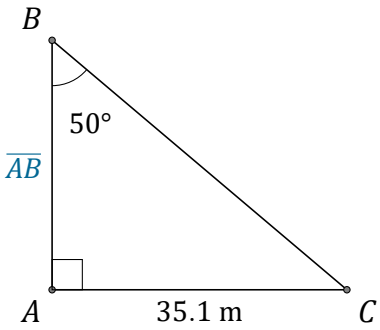
$\overline{ST} =$ _____



$\overline{XZ} =$ _____



$\overline{DF} =$ _____

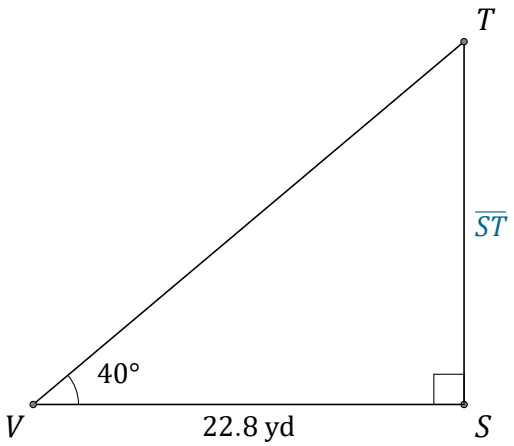


$\overline{AB} =$ _____

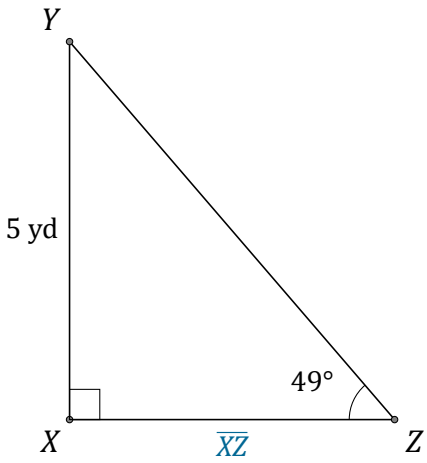
Tangent Ratio (B) Answers

Name: _____ Date: _____

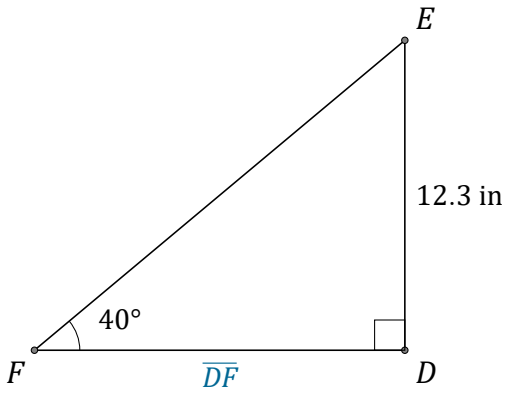
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



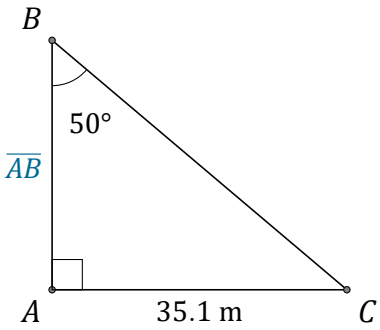
$\overline{ST} =$ 19.1 yd



$\overline{XZ} =$ 4.3 yd



$\overline{DF} =$ 14.7 in

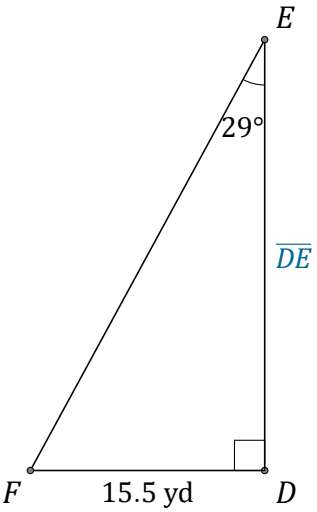


$\overline{AB} =$ 29.5 m

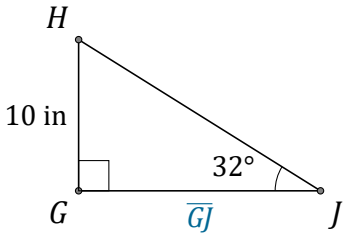
Tangent Ratio (C)

Name: _____ Date: _____

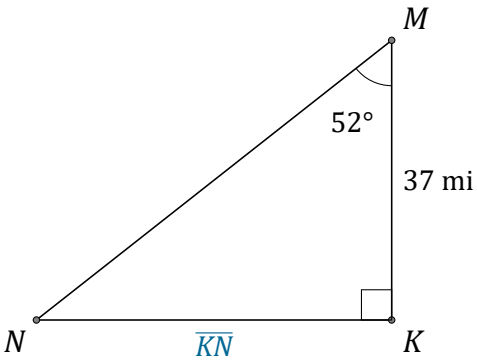
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



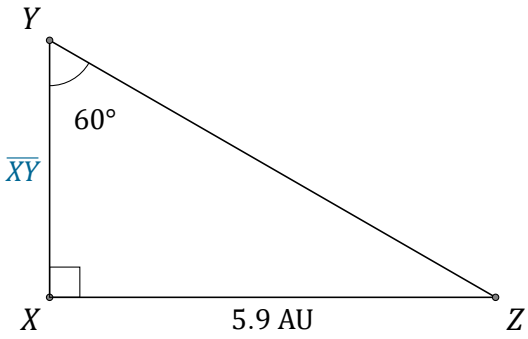
$\overline{DE} =$ _____



$\overline{GJ} =$ _____



$\overline{KN} =$ _____

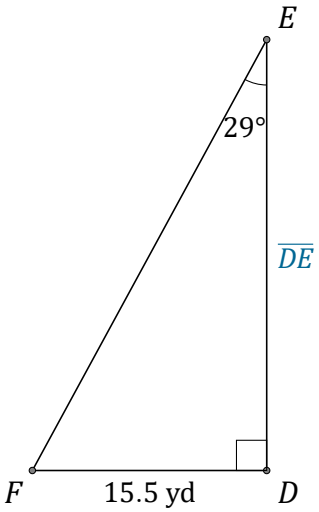


$\overline{XY} =$ _____

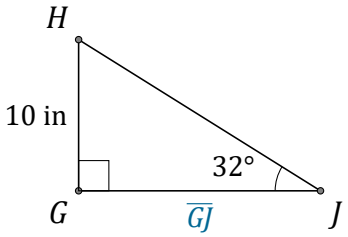
Tangent Ratio (C) Answers

Name: _____ Date: _____

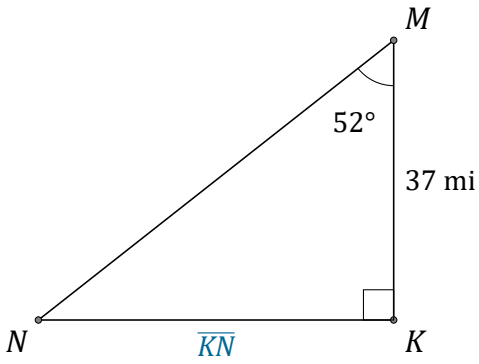
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



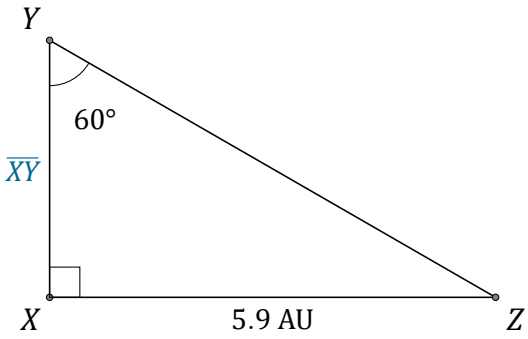
$\overline{DE}$ = 28 yd



$\overline{GJ}$ = 16 in



$\overline{KN}$ = 47.4 mi

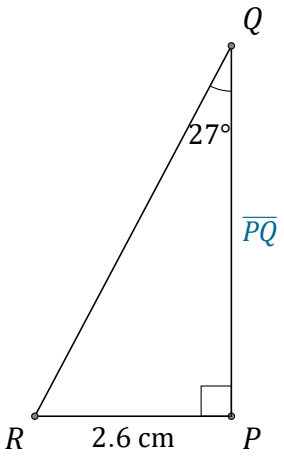


$\overline{XY}$ = 3.4 AU

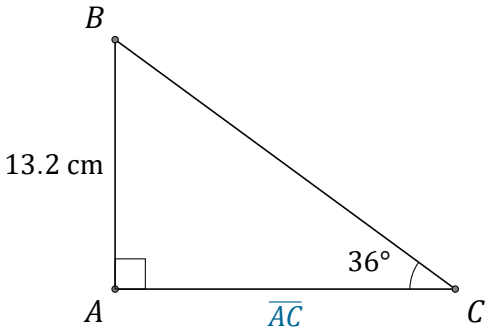
Tangent Ratio (D)

Name: _____ Date: _____

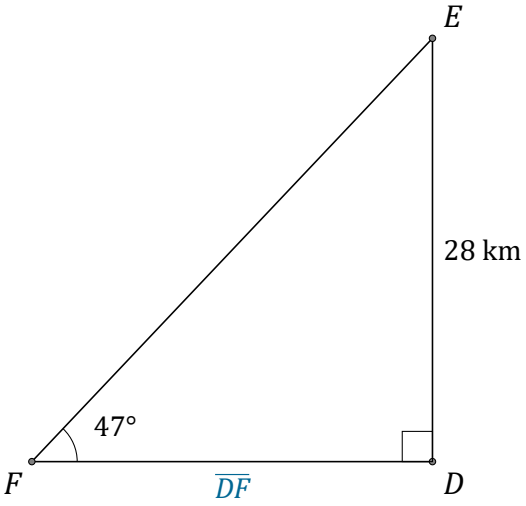
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



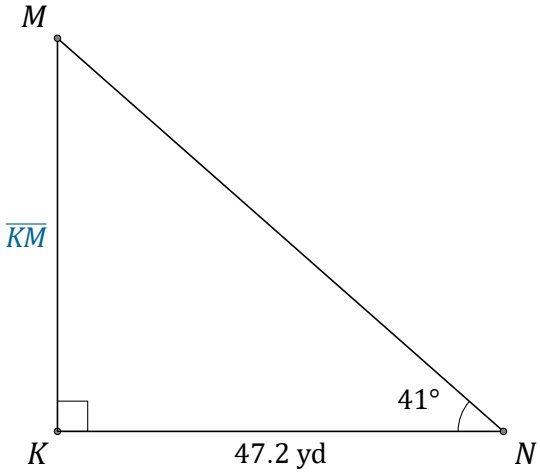
$\overline{PQ} =$ _____



$\overline{AC} =$ _____



$\overline{DF} =$ _____

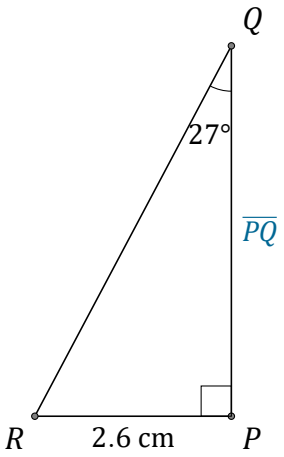


$\overline{KM} =$ _____

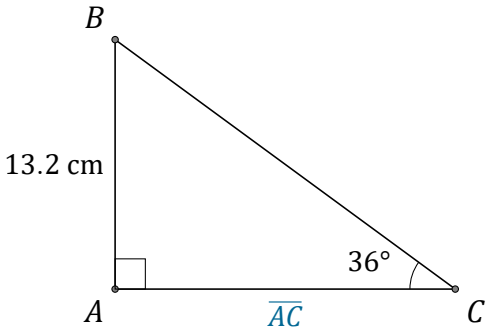
Tangent Ratio (D) Answers

Name: _____ Date: _____

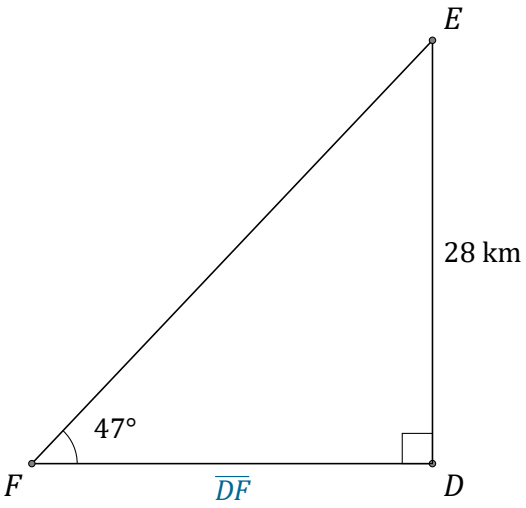
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



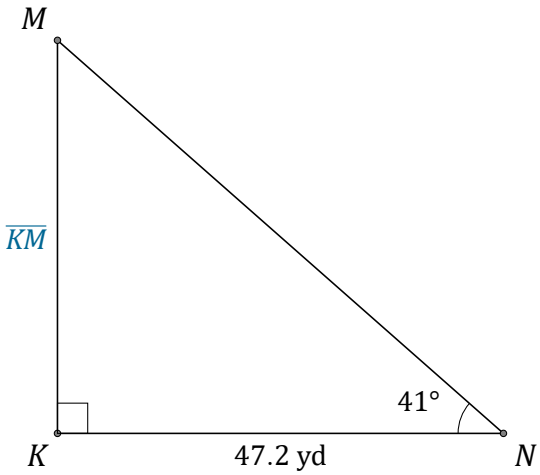
$\overline{PQ}$ = 5.1 cm



$\overline{AC}$ = 18.2 cm



$\overline{DF}$ = 26.1 km

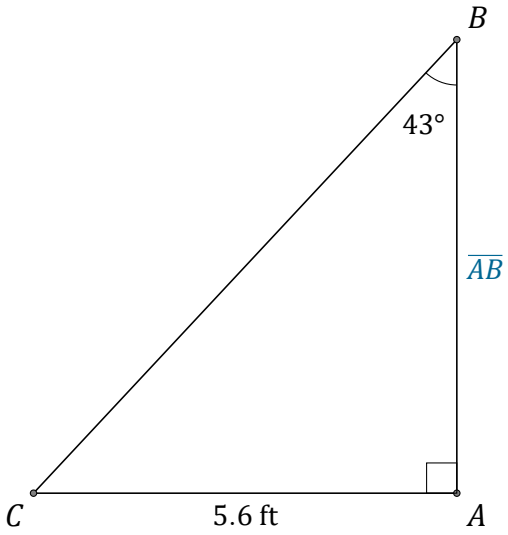


$\overline{KM}$ = 41 yd

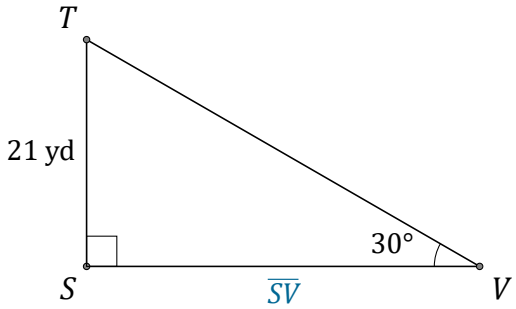
Tangent Ratio (E)

Name: _____ Date: _____

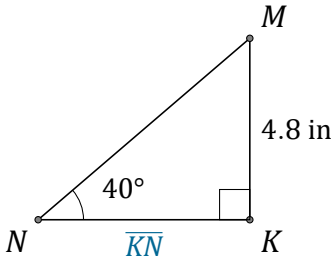
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



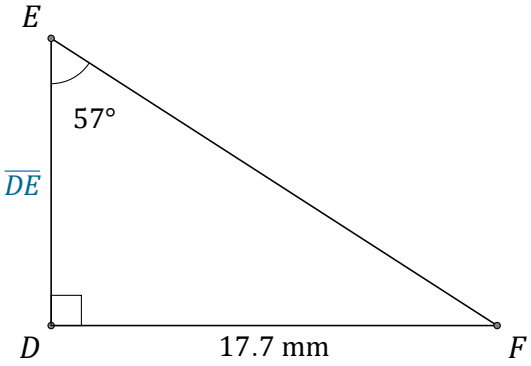
$\overline{AB} =$ _____



$\overline{SV} =$ _____



$\overline{KN} =$ _____

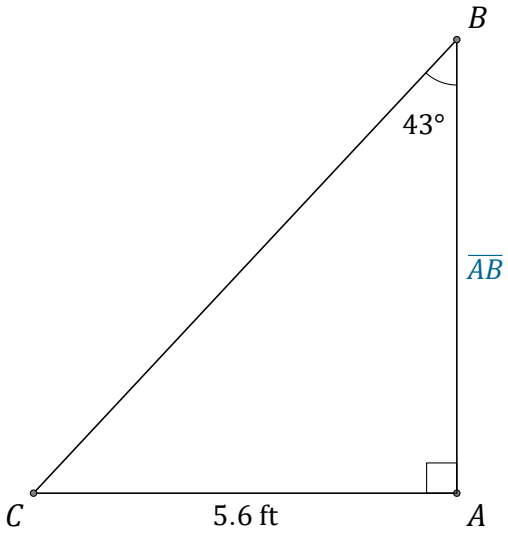


$\overline{DE} =$ _____

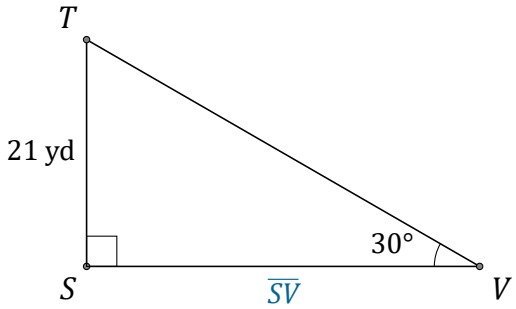
Tangent Ratio (E) Answers

Name: _____ Date: _____

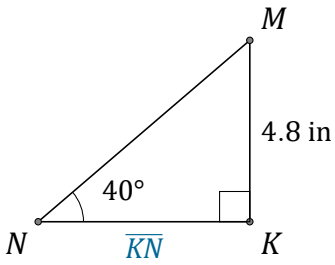
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



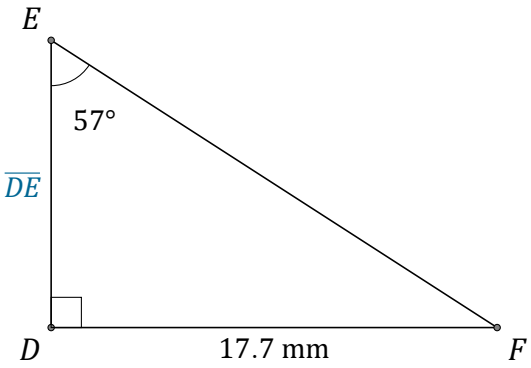
$\overline{AB}$ = 6 ft



$\overline{SV}$ = 36.4 yd



$\overline{KN}$ = 5.7 in

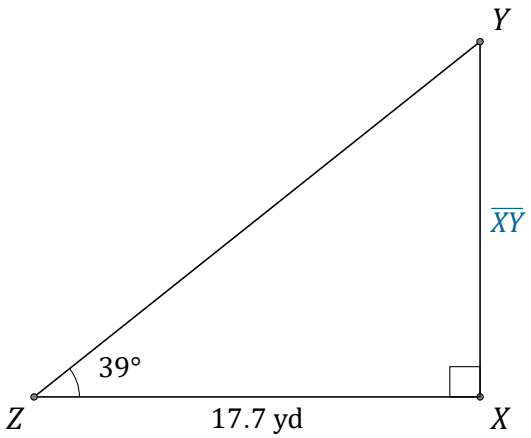


$\overline{DE}$ = 11.5 mm

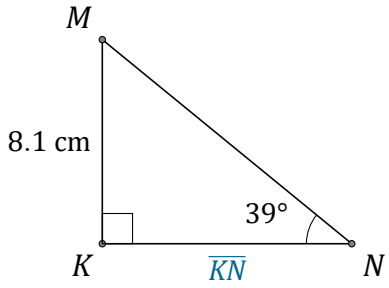
Tangent Ratio (F)

Name: _____ Date: _____

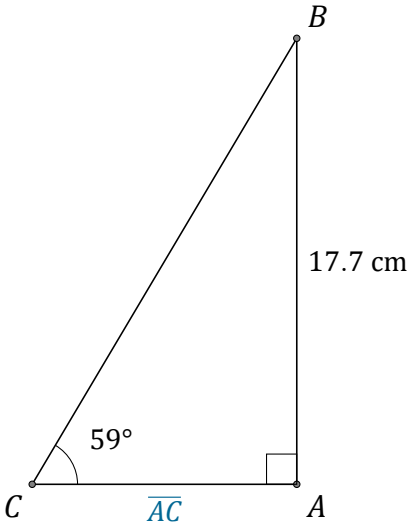
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



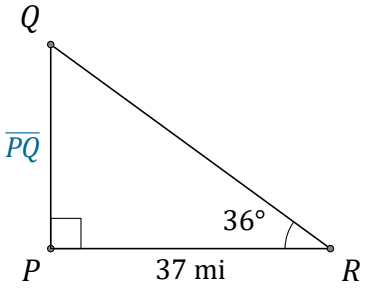
$\overline{XY} =$ _____



$\overline{KN} =$ _____



$\overline{AC} =$ _____

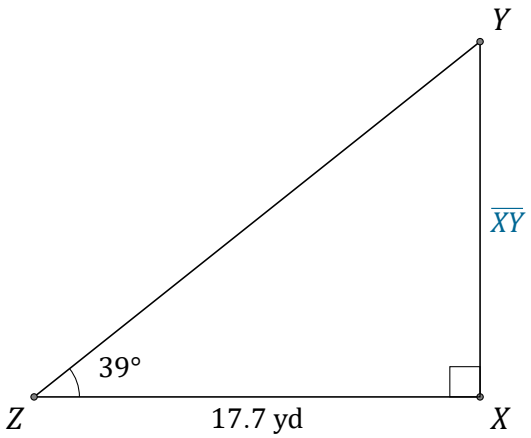


$\overline{PQ} =$ _____

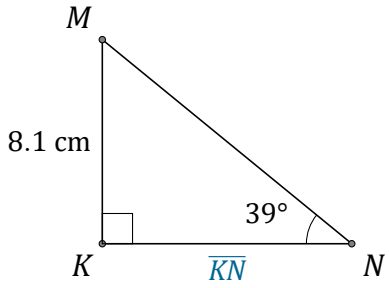
Tangent Ratio (F) Answers

Name: _____ Date: _____

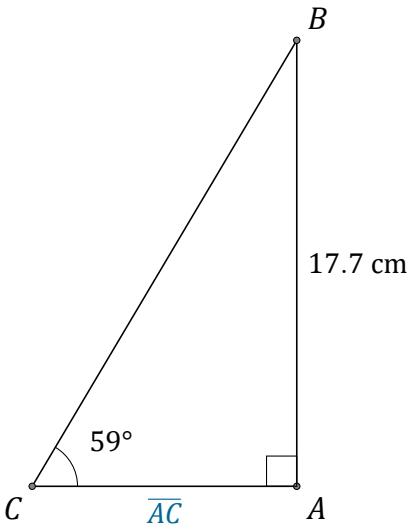
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



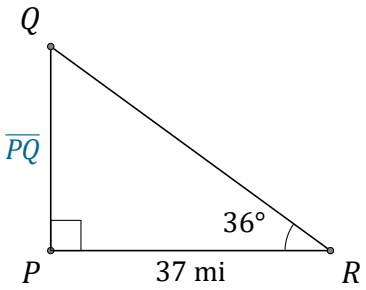
$\overline{XY} =$ 14.3 yd



$\overline{KN} =$ 10 cm



$\overline{AC} =$ 10.6 cm

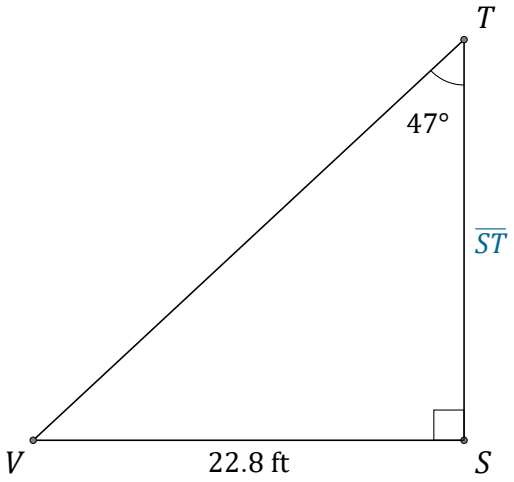


$\overline{PQ} =$ 26.9 mi

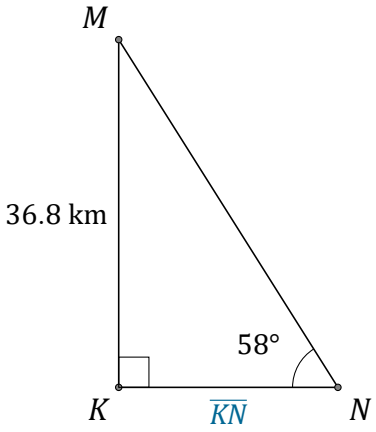
Tangent Ratio (G)

Name: _____ Date: _____

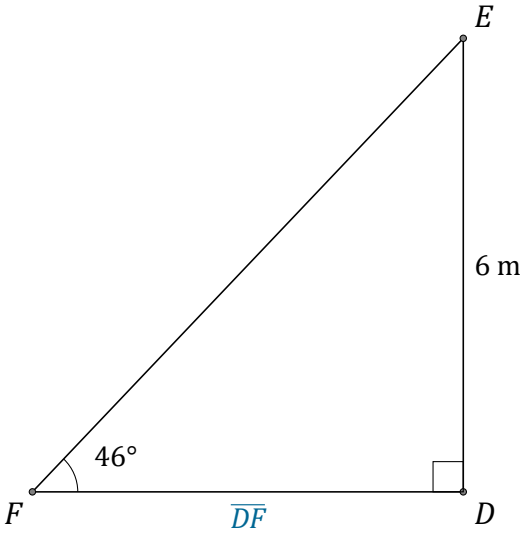
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



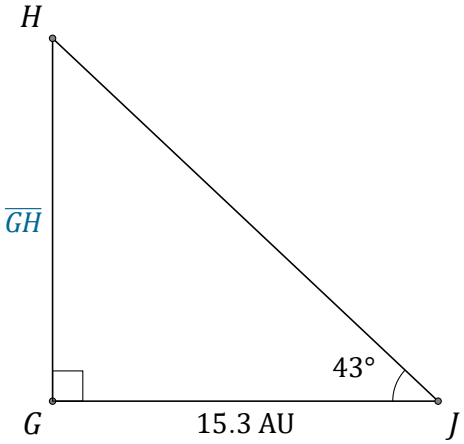
$\overline{ST} =$ _____



$\overline{KN} =$ _____



$\overline{DF} =$ _____

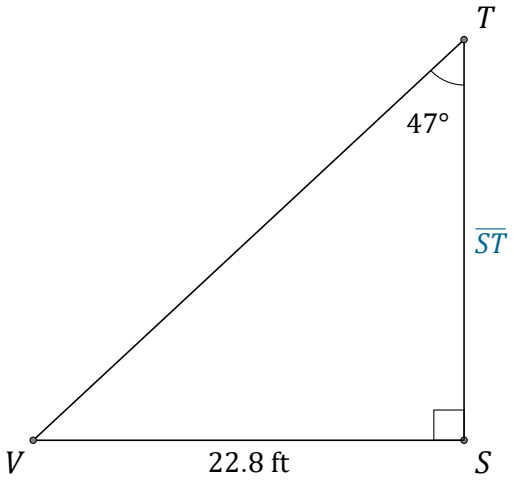


$\overline{GH} =$ _____

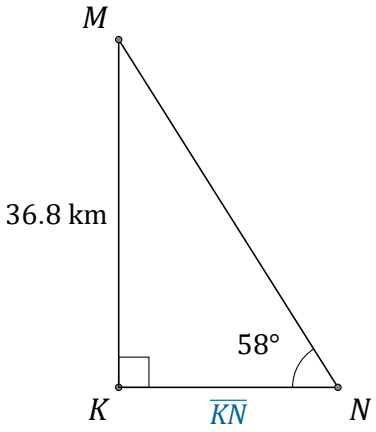
Tangent Ratio (G) Answers

Name: _____ Date: _____

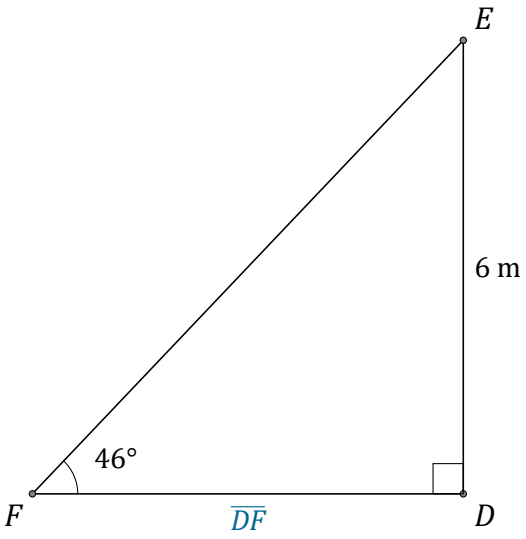
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



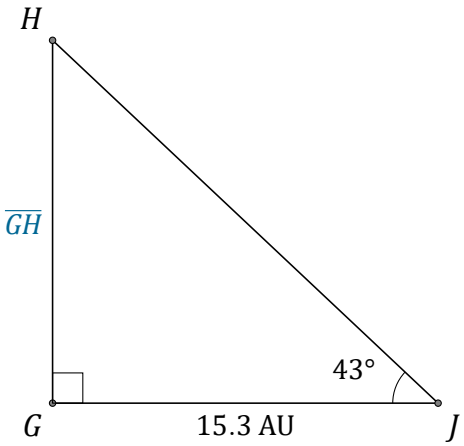
$\overline{ST}$ = 21.3 ft



$\overline{KN}$ = 23 km



$\overline{DF}$ = 5.8 m

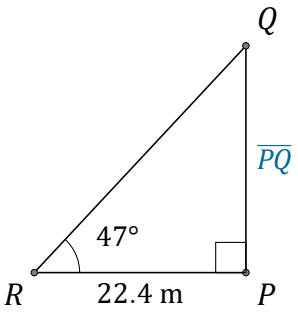


$\overline{GH}$ = 14.3 AU

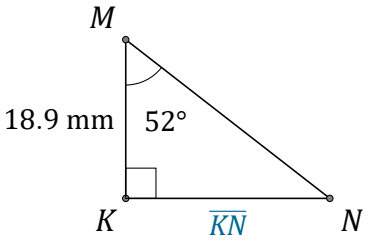
Tangent Ratio (H)

Name: _____ Date: _____

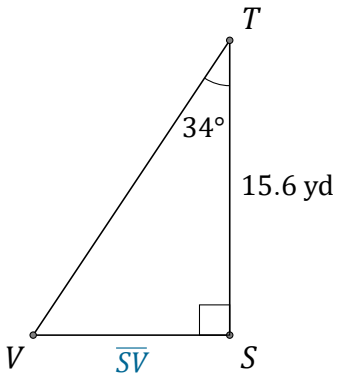
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



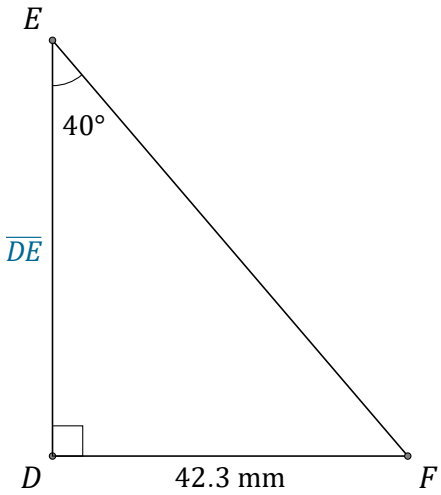
$\overline{PQ} =$ _____



$\overline{KN} =$ _____



$\overline{SV} =$ _____

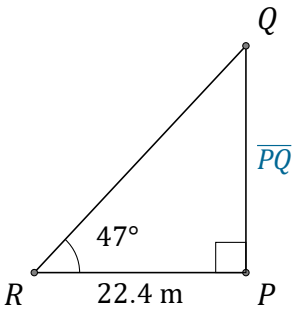


$\overline{DE} =$ _____

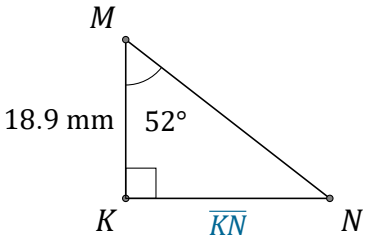
Tangent Ratio (H) Answers

Name: _____ Date: _____

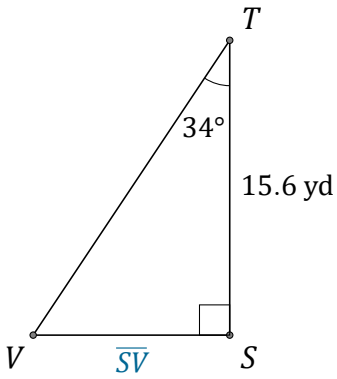
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



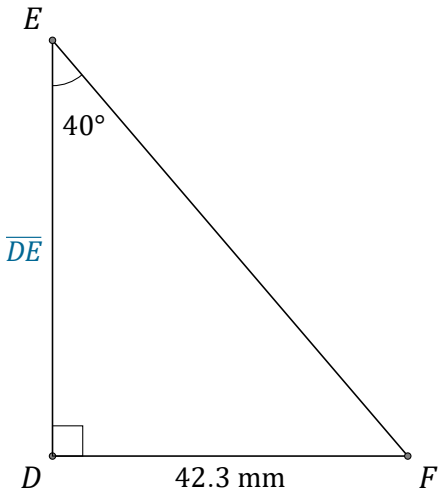
$\overline{PQ}$ = 24 m



$\overline{KN}$ = 24.2 mm



$\overline{SV}$ = 10.5 yd

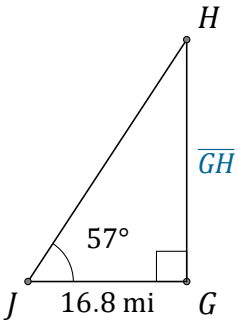


$\overline{DE}$ = 50.4 mm

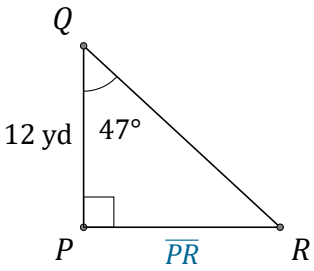
Tangent Ratio (I)

Name: _____ Date: _____

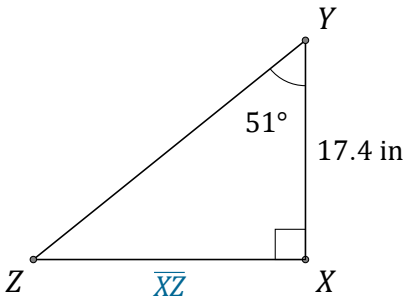
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



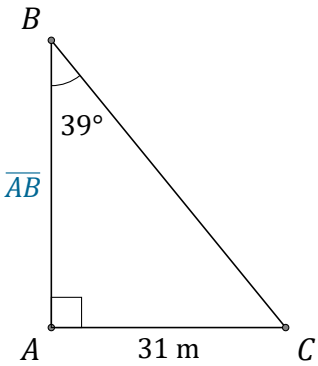
$\overline{GH} =$ _____



$\overline{PR} =$ _____



$\overline{XZ} =$ _____

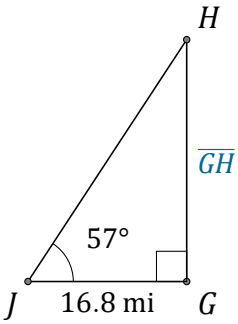


$\overline{AB} =$ _____

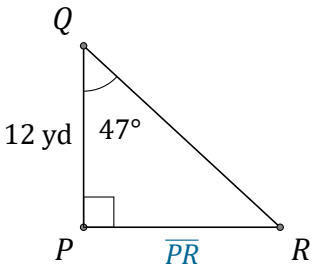
Tangent Ratio (I) Answers

Name: _____ Date: _____

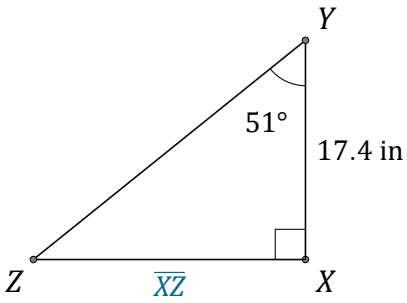
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



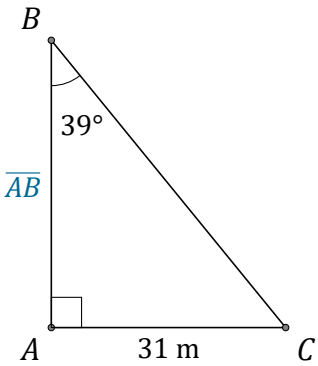
$\overline{GH}$ = 25.9 mi



$\overline{PR}$ = 12.9 yd



$\overline{XZ}$ = 21.5 in

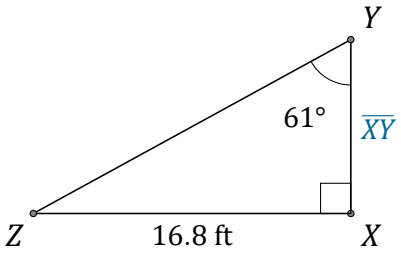


$\overline{AB}$ = 38.3 m

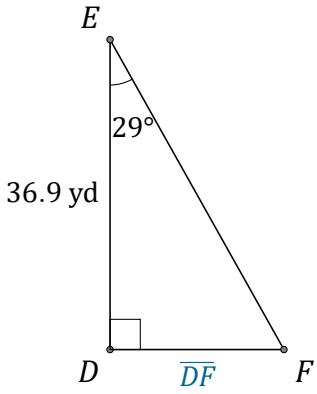
Tangent Ratio (J)

Name: _____ Date: _____

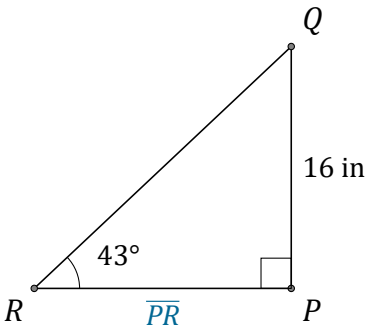
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



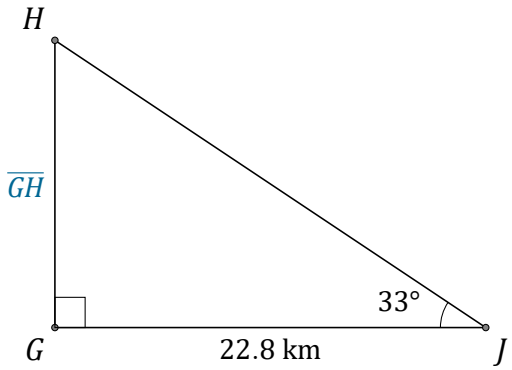
$\overline{XY} =$ _____



$\overline{DF} =$ _____



$\overline{PR} =$ _____

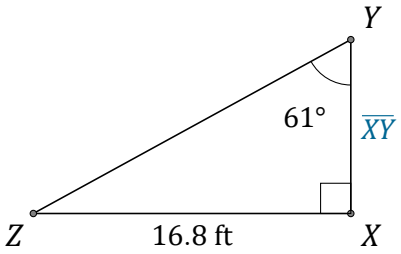


$\overline{GH} =$ _____

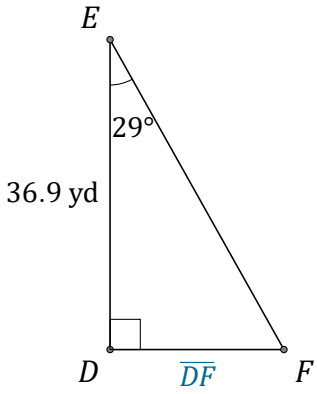
Tangent Ratio (J) Answers

Name: _____ Date: _____

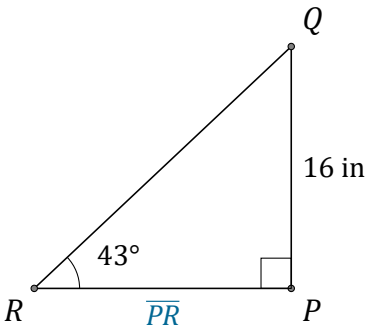
Calculate the side values using the tangent ratio: $tan(\alpha) = \frac{O}{A}$



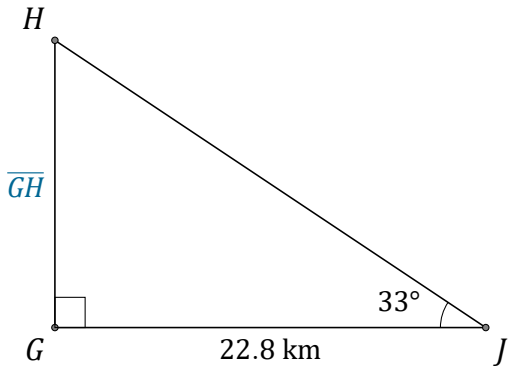
$\overline{XY} =$ 9.3 ft



$\overline{DF} =$ 20.5 yd



$\overline{PR} =$ 17.2 in



$\overline{GH} =$ 14.8 km