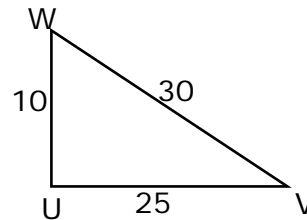


Tangent Ratios - Independent Practice Worksheet

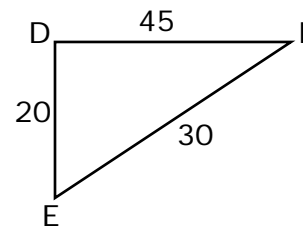
Complete all the problems.

1. Write each trigonometric ratio. $\tan V$.
2. Write each trigonometric ratio. $\tan W$.



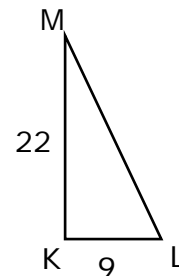
3. There is a cycle ramp at the park. The incline of the ramp is 32° . The height of the ramp is 10m. What is the distance Alien will travel on the ramp with his cycle?

4. Write each trigonometric ratio. $\tan F$.
5. Write each trigonometric ratio. $\tan E$.



6. In a right angle triangle, the side adjacent to the 25° angle is 15 cm long. What is the length of the side opposite the 25° angle to the nearest centimeter?

7. Write each trigonometric ratio $\tan L$.
8. Write each trigonometric ratio $\tan M$.



9. There is a walking ramp in the school. The incline of the ramp is 55° . The height of the ramp is 15m. What is the distance Jack will walk on the ramp?

10. Find the length DF.

