

## Math 190 Quiz 4: Friday Nov 13

---

*The quiz is 20 minutes long and has only one question. No calculators or other aids are permitted. Show all of your work for full credit. There is no need to simplify your final answer.*

1. Your trucker friend is 20 km West of base at a coffee shop enjoying a break. You are currently 80 km North of base travelling North (to pick up a shipment of lumber) at a speed of 60 km/h. How fast is the distance between you and your friend increasing at the present time?