Word problems

1. Braden went to the hardware store and bought 7 yellow ropes. The total length of the ropes was 189.7 meters. How long was each rope?
2. Amanda is building a brick wall that needs to be 1.23 meters tall. So far, the wall is 0.9 meters tall. How much taller does the brick wall need to be?
3. Each piece of cardboard is 0.1 centimeters thick. If Alyssa stacks 2 pieces of cardboard on top of one another, how thick will the stack be?
4. Currently, a construction company can dig 5.5 meters per hour, but a new tool would let the company dig 9 times as fast. How fast would the company be able to dig with the new tool?

Answer

1. 27.1
2. 0.33
3. 2
4. 49.5