6.RP Speed Conversions

Task

Jessica sees the following speed limit sign while visiting Australia where the units for speed are kilometers per hour:

a. A conversion table indicates that 1 mile is 1.6 km. With this conversion rate, is the speed limit greater than or less than 65 mph? Explain.

b. Jessica finds out that 1 mile is not exactly 1.6 km. This number has been rounded to the nearest tenth. Does this influence the answer to part (a)?