

- f. The 2023 Toyota Tacoma TRD model is available with a 3.5 L V6 engine. How large is that in cubic inches? (1 L = 1000 cm³)
- g. A diesel generator produces 210 hp for 2 hours. If the brake-specific fuel consumption (BSFC) of the generator is 7000 BTU/ hp-hour, how many BTU's do we need?
- h. In an automotive safety test, the 2021 Subaru Outback was found to decelerate from 60 mph to 0 mph over a distance of 44 yards. How many inches is that distance? (1 yard = 3 ft)