



Problem of the Week

Problem B

Road Trip

Mr. Sand is going on a trip to the beach. The total distance to the beach is 263 km. His car has a 60 L gas tank and can travel 640 000 m on that tank of gas.

Suppose that there are two service stations available to Mr. Sand. Station A charges \$40 for 25 L of gas, while Station B charges \$51 for 30 L of gas.

Determine the cost of the gas for his trip if he fills up at Station A versus the cost if he fills up at Station B. Which is the more economical?

