

Estimate with Rounding Compatible Numbers

TAKS Objective 2
TEKS 5.6

Use the data from the chart to solve.

Use rounding to estimate your answers.

Mileage Between Cities				
Cities	Detroit/Chicago	Detroit/Cleveland	Cleveland/Des Moines	Detroit/Des Moines
Miles	266	170	652	584

1. Stan is a truck driver who lives in Detroit. It takes him about 5 hours to go from Detroit to Chicago. About how many miles does he travel each hour?

3. During one week, Stan made 2 round trips from Detroit to Des Moines and 2 round trips from Des Moines to Cleveland. How many miles did Stan drive during the week?

5. Stan drove a shipment of 180 cases of small bottles of water and 85 cases of large bottles of water from Detroit to Chicago. If there are 24 small bottles per case and 12 large bottles per case, about how many bottles are there in all?

2. Stan made 3 round trips from Detroit to Cleveland. About how many miles did he travel?

4. While making 4 round trips from Detroit to East Lansing, Stan drove 688 miles. About how far is East Lansing from Detroit?

6. On a trip from Chicago to Cleveland, Stan's truck weighed 24,746 pounds. After unloading cases of large bottles of water in Cleveland, the truck weighed 23,962 pounds. A case of large bottles of water weighs 7 pounds. About how many cases were unloaded in Cleveland?
