

Name \_\_\_\_\_

Date \_\_\_\_\_

## Gas Mileage

My car drives 570 mi with 15 gal of gas.

(1) Use mental math and/or pencil and paper to answer:

- (a) If I drive 57 mi, I'll use \_\_\_\_\_ gal.
- (b) If I drive 5,700 mi, I'll use \_\_\_\_\_ gal.
- (c) If I have 5 gal left, I can drive \_\_\_\_\_ more mi.
- (d) I can drive \_\_\_\_\_ mi with 30 gal.

(2) Calculate both unit rates for the proportional relationship. Use a calculator if you like. Write the answers here, and include the units.

\_\_\_\_\_

(3) Answer these additional questions:

- (a) If I drive 532 mi, I'll use \_\_\_\_\_ gal.
- (b) If I have 11 gal left, I can drive \_\_\_\_\_ more mi.

(4) Make a two-column table using your answers to (1a), (1c), (1d), (3a), and (3b). Then use graph paper to plot the values in the table. Label the axes of your plot.