



5.) A case of 24 tennis balls weighs 3 pounds. How much would a shipment of 2560 tennis balls weigh?

6.) A map of Connecticut is drawn to a scale where 2 inches on the map represents 35 miles.

a. If Greenwich and Stonington are 105 miles from each other, how far apart do they appear on the map?

b. On this same map the road from Mystic to Hartford is  $1\frac{1}{2}$  inches long. How far apart are Mystic and Hartford?

7.) A bag of 8 apples costs \$1.50 at Sam's Orchard.

a. At this same rate, how much would 18 apples cost?

b. How many apples could you buy for \$5.00?

c. What is the unit cost per apple?

8.) Emily can ride her scooter 18 miles in 50 minutes.

a. At this same rate (speed) how far can she ride in two hours?

b. How long would it take for her to ride 4 miles?

c. What is her unit rate in miles per hour?

9.) Will's Widget Works can produce  $2\frac{1}{2}$  tons of widgets in an 8 hour work day.

a. How many widgets can Will's Widget Works produce between 9 am and noon?

b. McGee Manufacturing, Inc. needs to order 17 tons of widgets. How many work days will it take Will's Widget works to fill this order?

- 10.) The Jakobshavn Glacier in Greenland, reputed to be the fastest in the world, has sped up lately (perhaps due to global warming?). The last accurate measurements have it travelling at 5.25 kilometers (5250 meters) in a five month period. At this rate, how far does it travel in a year?