

Name _____

Date _____

Period _____

Proportion Word Problems

Level A

- 1) 1 subscription for \$21
28 subscriptions for x dollars

- 2) 1 gallon of water weighs $8\frac{1}{3}$ pounds
30 gallons of water weighs x pounds

- 3) $\frac{1}{4}$ in represents 1 m
 $\frac{4}{5}$ in represents x meters

- 4) 2 inches of rain in 2.5 hours
3.6 inches of rain in x hours

- 5) 25cm by 35 cm enlarged to 150 cm by x cm.

Level B

- 1) 18 ozs. of iced tea costs 2.99. How much will 30 ozs. cost?

- 2) Paula jogged 10.8 miles in 2 hours. How far will she jog in 15 hours?

- 3) If a 10-pound turkey takes 4 hours to cook, how long will it take a 14-pound turkey?
- 4) Three loaves of bread cost \$2.43. How much do two loaves cost?
- 5) If 2 liters of Gatorade cost \$3.98, how much do 8 liters cost?

Level C

- 1) A copying machine can reduce the size of the material being copied. A diagram measuring 16 cm wide by 20 cm long is reduced. If the diagram on the reduced copy is 15 cm long, what is its width?
- 2) In 7 hours of driving, Vince traveled 364 kilometers. If he travels at the same rate, what distance will he have driven in 12 hours?
- 3) An employee's wages are directly proportional to the number of hours worked. One employee earns \$120 for working 5 hours. How much will that employee earn for working 8 hours?
- 4) There are 6 counselors for every 50 campers at a summer camp. The camp has 21 counselors. Find the number of campers.
- 5) Shirley paid \$12.72 for 8 cans of frozen orange juice to make a punch for a party. Elliott bought 10 cans of the same brand of orange juice to make punch for another party. How much did Elliott pay for the juice?