Name: _____

PROPORTION WORD PROBLEMS

Solve each proportion below using the cross product method.

1. A builder could get 6 sheets of sheetrock for $9. If he bought 12 sheets, how much money would be have spent?

2. A sloppy joe restaurant gave 3 napkins for every 7 items ordered. If someone bought 91 items, how many napkins should they get?

3. In a video game, for every 6 enemies defeated you earn 3 points. If you defeated 48 enemies, how many points would you have earned?

4. At a school fundraiser, for every 9 boxes of chocolates sold you earn 5 points. If you were to sell 72 boxes, how many points would you have earned?

5. A recipe calls for 5 teaspoons of seasoning for every 6 batches of chili. If you have 102 batches of chili, how many teaspoons of seasoning will you need?

6. A box of candy had 4 cherry pieces for every 9 lemon pieces. If the box had 45 lemon pieces, how many cherry pieces would there be?

7. For every 6 cans Oliver collected for the recycling he earned 9 cents. After he collected 60 cans, how much money would he have earned?

8. The ratio of boys to girls at the park was 9 to 6. If there were 45 boys, how many girls were there?