

3.22.16 Classwork: Write and Solve Equations from Word Problems III

For each context: a) write an equation, b) solve your equation, c) answer the question in a complete sentence, and d) check your answer. You may need to do your work on a separate sheet of paper.

1. Allie had \$24. After buying seven art pencils and a \$0.35 eraser, she had \$10 left. How much did each pencil cost?
2. Sarah won 40 super bouncy balls playing horseshoes at her school's game night. Later, she gave two each to some of her friends. If she has 8 remaining bouncy balls, to how many friends did she give bouncy balls?
3. At the local clothing store all shirts were on sale for one price and sweaters for a different price. Lonnie purchased three sweaters and two shirts for \$130. If the sale price of a shirt was five dollars less than the sale price of a sweater, how much did each item cost Lonnie?
4. Brock ate 16 Girl Scout cookies in 5 days (he wasn't suppose to eat any cookies because they belonged to his sister.) The second day he ate 3 more than the first (he felt pretty bad about that.) The third day he ate half as much as the 1st day (he was able to get better control of himself.) The fourth and fifth days, he ate twice each day what he ate the first day (he really likes Girl Scout cookies.) How many cookies did he eat each day?

