

# 1-4 Homework

Two-step equations - word problems

Name: \_\_\_\_\_

## Two-step equations - word problems - integers

- 1) Huong had \$23 to spend on six notebooks. After buying them she had \$11. How much did each notebook cost?
- 2) You had \$20 to spend on seven avocados. After buying them you had \$6. How much did each avocado cost?
- 3) You had \$25 to spend on seven pencils. After buying them you had \$4. How much did each pencil cost?
- 4) Shawna rented a bike from Arjun's Bikes. It cost \$14 plus \$3 per hour. If Shawna paid \$32 then she rented the bike for how many hours?
- 5) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers?
- 6) For a field trip 25 students rode in cars and the rest filled eight buses. How many students were in each bus if 321 students were on the trip?

- 7) The sum of three consecutive even numbers is 42. What is the smallest of these numbers?
- 8) Emily's Bikes rents bikes for \$16 plus \$4 per hour. Eduardo paid \$36 to rent a bike. For how many hours did he rent the bike?
- 9) You had \$21 to spend on three pens. After buying them you had \$12. How much did each pen cost?
- 10) 166 students went on a field trip. Three buses were filled and 22 students traveled in cars. How many students were in each bus?
- 11) Rob rented a bike from Ming's Bikes. It cost \$11 plus \$8 per hour. If Rob paid \$51 then he rented the bike for how many hours?
- 12) The sum of three consecutive numbers is 42. What is the smallest of these numbers?