

**Unit: Multi-Step Word Problems**  
**Study Problems #4**

**Name:** \_\_\_\_\_ **Per:** \_\_\_\_\_

- 1) Tristan pays \$60 a month for his Charter cable bill and an additional \$1.55 for each streamed movie. Isabel pays \$55.50 a month for her Dish cable bill and an additional \$1.75 for each streamed movie.
- Who has a better deal if they only order 5 movies per month?
- Who has a better deal if they only order 15 movies per month?
- How many movies would you need to order for the price to be the same?
- Which would be a better deal for you? Justify your answer.

- 2) U-Haul and Budget have promotions going on. U-Haul moving trucks are \$19.95 per day for 10' moving truck and \$0.79 per mile. Budget moving trucks are \$19.99 per day for 10' Moving truck and \$0.69 per mile.
- Who has a better deal if they only drive 30 miles?
- Who has a better deal if they only drive 150 miles?
- How many miles would you need to drive for the price to be the same?
- Which would be a better deal for you? Justify your answer.

- 3) Jennifer is saving money to buy a bike. The bike costs \$245. She has \$125 saved, and each week she adds \$15 to her savings. How long will it take her to save enough money to buy the bike?
- 4) An emu that measures 60 inches in height is 70 inches less than 5 times the height of a kakapo. What is the height of a kakapo in inches?
- 5) Maggie's brother is 3 years younger than twice her age. The sum of their ages is 24. How old is Maggie?
- 6) Michaela pays her cell phone service provider \$49.95 per month for 500 minutes. Any additional minutes used cost \$0.15 each. In June, her phone bill is \$61.20. How many additional minutes did she use?