

Topic 4: Applications of Percent - Block 3 Homework

Use may use the solution strategy that makes the most sense to you (equation or proportion). Either way, you must show your work.

1. To decrease your household water usage by 10% a month means that a household that uses 4000 gallons of water a month would **cut down** to using _____ gallons a month.

2. ConnectMe phone service charges Deva \$29.95 per month for cellular data. Endless Data phone company is offering the same service for 20% less. How much will Debbie save per month if she switches to Endless Data?

3. The Dazzle Diamond store is offering a **25% Off Everything** sale in observance of their 25th anniversary. How much will the originally priced \$3,300 wedding ring cost during the sale?