Real World Equations: Homework

1. Sarah wants to buy some CDs, each costing $14, and a DVD that costs $23. She has $65 to spend. Write and solve an equation to find how many CDs she can buy.

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| Equation: | Solved: |

2. A fitness club is having a special offer where you pay $22 to join plus a $16 monthly fee. You have $150 to spend. Write and solve an equation to find how many months you can use the fitness club.

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| Equation: | Solved: |

3. Cristiano is saving money to buy a new bike that costs $189. He has save $99 so far. He plans on saving $10 each week. Write and solve an equation to determine after how many weeks Cristiano will have enough money to buy the bike.

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| Equation: | Solved: |

4. It costs $10 to enter a petting zoo. Each cup of food to feed the animals is $2. If you have $14, write and solve an equation to determine how many cups of food you can buy.

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| Equation: | Solved: |

5. A cell phone company charges a monthly fee of $39.99 for unlimited off-peak minutes on the nights and weekends, but $0.45 for each peak minute during the weekday. If Brad’s monthly bill was $62.49, write and solve an equation to determine for how many peak minutes he was charged.

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| Equation: | Solved: |