Name: .... Class: ....

Multi-step word problems: identify reasonable answers.

1. Lucy has a collection of coins. She placed her coins into stacks. Each stack had ten coins. She has 15 stacks already. She estimated that she has about one hundred and fifty coins altogether. Does that sound about right?

| No, the estimate is too low | Yes | No, the estimate is too high |

2. Allan owns a jewelry shop in town. He sells engagement rings for $ 5 855 and wedding bands for $ 1 975. Right now, he has orders for 3 engagement rings and 5 wedding bands. He estimates that, delivering all the rings will give him a total amount of $ 25 000. Does that sound like a good estimate?

| No, the estimate is too low | Yes | No, the estimate is too high |

3. Mathew works in a local car wash in his home town. On Monday they washed about 15 cars. On Tuesday, they washed 5 more cars than on Monday. On Friday, they washed 10 fewer cars than on Tuesday. Mathew calculated that they washed about 10 cars on Friday. Does that sound about right?

| No, the estimate is too low | Yes | No, the estimate is too high |

4. Tracy has a room full of shoes. She has about 745 pairs of designer shoes because of her love for shoes. Yesterday, she gave 12 pairs of the shoes to her friend. She equally selected 125 pairs if the shoes and gave it out to the less privilege people on the street. She also had to throw out 55 pairs of shoes because they were already bad.
How many pairs of shoes is she left with if she bought 14 additional pairs of designer shoes today?

| No, the estimate is too low | Yes | No, the estimate is too high |

Name: .... Class: ....

Multi-step word problems: identify reasonable answers.

1. The number of stacks she has = 15
The number of coins in each stack = 10
Total number of coins = 15 x 10 = 150 stacks of coins

Yes, her estimate is correct.

2. 1 engagement ring cost $ 5 855
3 engagement rings will cost $ 5 855 x 3 = $ 17 565
1 wedding band cost $ 1 975
5 wedding bands will cost $ 1 975 x 5 = $ 9 875
Therefore, total cost of all rings = $17 565 + $ 9 875 = 27, 440

No, his estimate is too low.

3. The number of cars washed on Monday = 15 cars
The number of cars washed on Tuesday = 15 cars + 5 cars = 20 cars
The number of cars washed on Friday = 20 cars - 10 cars = 10 cars

Yes, Mathew's calculation was correct.

4. Number of pairs of shoes Tracy has = 745
Number of pairs of shoes she gave to her friend = 12
Number of pairs of shoes she gave out to the less privilege = 125
Number of pairs of shoes she threw away = 55
Additional pairs of shoes she bought today = 14
759 - 192 = 567
Yes, Tracy's calculation was correct.