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

Multi-step-word problems: identify reasonable answers

1. Everyday, Abel's mother deposits $500 in Abel's trust fund. After a year, she estimated that she has deposited about $170,000. Is this estimate too low, normal or too high?

2. Joy's teacher calls out Joy to divide 250,000 by 250 mentally and give him the answer. Within a short time, Joy told the teacher that the answer is 1,000. Is this answer correct.

3. Richard is packing firewood in preparation for winter. On Monday, he packed 125 fireword, 92 on Tuesday, 120 on Wednesday, 63 onThursday, 195 on Friday and 200 on Saturday He estimated that he had packed about 700 firewood from Monday to Saturday. Is this estimate too low, correct or too high?

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Multi-step-word problems: identify reasonable answers

1. Everyday, Abel's mother deposits $500 in Abel's trust fund. After a year, she estimated that she has deposited about $170,000. Is this estimate too low, normal or too high?

Let's first of all write down the informatio given.

Amount she deposits each day = $500

Number of days in a year = 365

So, to find the amount she deposited in a year, we need to

multiply 500 by 365

500 x 365 = 182,500

So, the actual amount she deposited is $ 182,500 which is larger than the estimate ($170,000).

Therefore, this estimate is too low.

2. Joy's teacher calls out Joy to divide 250,000 by 250 mentally and give him the answer. Within a short time, Joy told the teacher that the answer is 1,000. Is this answer correct.

To solve this, let's work it out

250,000 ÷ 250 = 1,000

The quotient is equal to 1,000 which is equal to joy's answer.

So, the answer is correct.

3. Richard is packing firewood in preparation for winter. On Monday, he packed 125 fireword, 92 on Tuesday, 120 on Wednesday, 63 onThursday, 195 on Friday and 200 on Saturday He estimated that he had packed about 700 firewood from Monday to Saturday. Is this estimate too low, correct or too high?

First of all, Let's find the total number of firewood he packed.

125 + 92 + 63 + 195 + 120 + 200 = 595

So, the total number of firewood packed = 595 firewood.

But he estimated that he had packed 700 firewood.

You see that, his estimate was too high.