WHAT SOME PEOPLE DO WHEN THEY SOLVE PROBLEMS IS LISTED BELOW. MAKE A CHECK (✓)
NEXT TO EACH ONE YOU DID WHILE WORKING THE CATERPILLAR PROBLEM.

_____ Made a drawing

_____ Looked for a pattern

_____ Thought about a problem like this one that I have solved before

_____ Tried a number of days that the caterpillar could have taken
and then checked to see if the number was correct

_____ Made a list of numbers

_____ Used a number sentence

_____ Made a table

_____ I did something different. Here is what I did.

_____

_____

_____

_____

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I worked the caterpillar problem
(check (✓) one.)

☐ one way.

☑ more than one way.

The first time I tried this problem I
(check (✓) one or more.)

☐ knew I was right.

☐ did everything I knew how to do.

☑ checked and it was right.

☐ had done all I wanted to do.

☐ had done all there was to do.

☐ did not do any of these things.

I tried a second way because I
(check (✓) one or more.)

☐ knew the first way was wrong.

☐ wanted to see if another way would work.

☑ checked and saw the first way was wrong.

☐ wasn't sure if the first way was right.

☐ used a second way to check the first way.

☐ I tried a second way for another reason.

After I got an answer I (mark (√) one)

☐ did not check the answer.   ☐ checked the answer.

Now mark (√) below why you did   Now mark (√) below how you checked
not check your answer.   you answer.

I did not check my answer   I checked my answer by
because I

                                     ☐ checking my work.

☐ knew it was right.   ☐ working the problem again the
                                       same way.
☑ did not know what to do.
                                     ☐ working the problem again a
☐ had done all I wanted.   different way.

☐ I had a different reason   ☐ reading the problem again.
   for not checking my
   answer.   ☐ acting it out.

                                     ☐ doing something different
                                       than these.

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TRANSCRIPT OF INTERVIEW WITH TRUDY HURDEM

Trudy: 6 days.

Interviewer: How did you get that?

Trudy: I thought about this bottle. I saw this caterpillar
                climbing up the jar.

Interviewer: How did you know it was 6?

Trudy: Because he ..., well, he fell down..., he climbed up 4, and
                he fell back down 2, and I figured up how many more he was
                going to climb up.

Interviewer: I just want to make sure that I understand how you got 6.
                You said after one day ...

Trudy: He climbed up 4, and he fell back 2. He climbed up 4, and
                he fell back 2. He climbed up again, and he fell back 2
                like that. He fell all the way back down, and he had to
                start all over again and to get back up to 8.