

Freddie's Frog Pond

Grade 2 · Checking strategies · 2.NBT.B.9

Name _____

Date _____



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Check the work Is each answer right? If it's wrong, write the right answer.

$$\begin{array}{r} 48 \\ + 49 \\ \hline \end{array}$$
 Toby's answer is
right wrong

$$\begin{array}{r} 87 \\ \hline \end{array}$$
 Right answer:

$$\begin{array}{r} 34 \\ + 49 \\ \hline \end{array}$$
 Fern's answer is
right wrong

$$\begin{array}{r} 83 \\ \hline \end{array}$$
 Right answer:

$$\begin{array}{r} 14 \\ + 79 \\ \hline \end{array}$$
 Pip's answer is
right wrong

$$\begin{array}{r} 83 \\ \hline \end{array}$$
 Right answer:

$$\begin{array}{r} 56 \\ - 19 \\ \hline \end{array}$$
 Pip's answer is
right wrong

$$\begin{array}{r} 43 \\ \hline \end{array}$$
 Right answer:

$$\begin{array}{r} 35 \\ - 27 \\ \hline \end{array}$$
 Toby's answer is
right wrong

$$\begin{array}{r} 8 \\ \hline \end{array}$$
 Right answer:

$$\begin{array}{r} 50 \\ - 36 \\ \hline \end{array}$$
 Fern's answer is
right wrong

$$\begin{array}{r} 26 \\ \hline \end{array}$$
 Right answer:

Why does it work? Circle the best reason.

To add $38 + 25$, you can add 2 to 38 and take 2 from 25. That works because... **the total stays the same** **you get a new total**

To take 9 from 54, you can take 10 and add 1 back. That works because... **9 is 1 less than 10** **9 is 1 more than 10**

In $46 + 37$, the ones make 13, so you write 3 and carry 1. The 1 is really... **one ten** **one one**

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ANSWER KEY



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Check the work Is each answer right? If it's wrong, write the right answer.

$$\begin{array}{r} 48 \\ + 49 \\ \hline 87 \end{array}$$

Toby's answer is
right **wrong**
Right answer: **97**

$$\begin{array}{r} 56 \\ - 19 \\ \hline 43 \end{array}$$

Pip's answer is
right **wrong**
Right answer: **37**

$$\begin{array}{r} 34 \\ + 49 \\ \hline 83 \end{array}$$

Fern's answer is
right wrong
Right answer: **83**

$$\begin{array}{r} 35 \\ - 27 \\ \hline 8 \end{array}$$

Toby's answer is
right wrong
Right answer: **8**

$$\begin{array}{r} 14 \\ + 79 \\ \hline 83 \end{array}$$

Pip's answer is
right **wrong**
Right answer: **93**

$$\begin{array}{r} 50 \\ - 36 \\ \hline 26 \end{array}$$

Fern's answer is
right **wrong**
Right answer: **14**

Why does it work? Circle the best reason.

To add $38 + 25$, you can add 2 to 38 and take 2 from 25. That works because... **the total stays the same** you get a new total

To take 9 from 54, you can take 10 and add 1 back. That works because... **9 is 1 less than 10** 9 is 1 more than 10

In $46 + 37$, the ones make 13, so you write 3 and carry 1. The **one ten** one one 1 is really...

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GUIDE

① What this sheet practises

Checking adding and subtracting, spotting mistakes, and explaining why a method works, like why a carried 1 is really a ten.

② A problem from the sheet, worked out

Why does it work? Circle the best reason.

To add $38 + 25$, you can add 2 to 38 and take 2 from 25. That works because...

the total stays the same

you get a new total

To take 9 from 54, you can take 10 and add 1 back. That works because...

9 is 1 less than 10

9 is 1 more than 10

In $46 + 37$, the ones make 13, so you write 3 and carry 1. The 1 is really...

one ten

one one

How: Redo the problem, or check it the other way: undo a sum by subtracting, a difference by adding. Say what each digit is worth to explain why a step works.

③ Words to know

check make sure an answer is right

strategy a way of solving

carry move a ten into the tens column

inverse the opposite operation that undoes it

④ Watch for

- Calling an answer right without working it out.
- Missing the forgotten carry: $46 + 18$ written as 54.
- Thinking the carried 1 is worth one instead of ten.

⑤ Where it fits

BEFORE

1.NBT.C.4

Add within 100 using models and place value.

THIS SHEET

2.NBT.B.9

Explain why adding and subtracting strategies work.

NEXT

3.NBT.A.2

Add and subtract within 1000.

⑥ Helping at home

Make a deliberate mistake on a sum and ask your child to find it and explain what went wrong.