

Freddie's Frog Pond

Name _____

Grade 2 · Adding and subtracting within 100 · 2.NBT.B.5

Date _____



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

Adding Add the ones first. Carry a ten when you need to.

1
$$\begin{array}{r} \square \\ 35 \\ + 31 \\ \hline \end{array}$$

2
$$\begin{array}{r} \square \\ 13 \\ + 80 \\ \hline \end{array}$$

3
$$\begin{array}{r} \square \\ 68 \\ + 14 \\ \hline \end{array}$$

4
$$\begin{array}{r} \square \\ 43 \\ + 54 \\ \hline \end{array}$$

5
$$\begin{array}{r} \square \\ 57 \\ + 34 \\ \hline \end{array}$$

Subtracting Not enough ones? Trade a ten for ten ones.

1
$$\begin{array}{r} 52 \\ - 23 \\ \hline \end{array}$$

2
$$\begin{array}{r} 43 \\ - 19 \\ \hline \end{array}$$

3
$$\begin{array}{r} 71 \\ - 24 \\ \hline \end{array}$$

4
$$\begin{array}{r} 48 \\ - 36 \\ \hline \end{array}$$

5
$$\begin{array}{r} 60 \\ - 25 \\ \hline \end{array}$$

Riddle time Solve each one, then use the code to answer the riddle.

What is a frog's favorite game?

1 $71 - 25 = \square$

2 $97 - 45 = \square$

3 $77 + 14 = \square$

4 $95 - 37 = \square$

5 $64 - 32 = \square$

6 $94 - 42 = \square$

7 $27 + 12 = \square$

8 $11 + 21 = \square$

9 $12 + 34 = \square$

12 = N 16 = D 32 = C 33 = M 39 = T
46 = H 52 = O 58 = S 64 = G 91 = P

1 2 3 4 5 6 7 8 9

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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!

Adding Add the ones first. Carry a ten when you need to.

$$\begin{array}{r} 35 \\ + 31 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 13 \\ + 80 \\ \hline 93 \end{array}$$

$$\begin{array}{r} 68 \\ + 14 \\ \hline 82 \end{array}$$

$$\begin{array}{r} 43 \\ + 54 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 57 \\ + 34 \\ \hline 91 \end{array}$$

Subtracting Not enough ones? Trade a ten for ten ones.

$$\begin{array}{r} 52 \\ - 23 \\ \hline 29 \end{array}$$

$$\begin{array}{r} 43 \\ - 19 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 71 \\ - 24 \\ \hline 47 \end{array}$$

$$\begin{array}{r} 48 \\ - 36 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 60 \\ - 25 \\ \hline 35 \end{array}$$

Riddle time Solve each one, then use the code to answer the riddle.

What is a frog's favorite game?

$$1 \quad 71 - 25 = \boxed{46}$$

$$2 \quad 97 - 45 = \boxed{52}$$

$$3 \quad 77 + 14 = \boxed{91}$$

$$4 \quad 95 - 37 = \boxed{58}$$

$$5 \quad 64 - 32 = \boxed{32}$$

$$6 \quad 94 - 42 = \boxed{52}$$

$$7 \quad 27 + 12 = \boxed{39}$$

$$8 \quad 11 + 21 = \boxed{32}$$

$$9 \quad 12 + 34 = \boxed{46}$$

12 = N 16 = D 32 = C 33 = M 39 = T
46 = H 52 = O 58 = S 64 = G 91 = P

H O P S C O T C H
1 2 3 4 5 6 7 8 9

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GUIDE

① What this sheet practises

Adding and subtracting two-digit numbers in columns, using tens and ones, and regrouping when needed.

② A problem from the sheet, worked out

Subtracting Not enough ones? Trade a ten for ten ones.

1	2	3	4	5
$\begin{array}{r} 52 \\ - 23 \\ \hline 29 \end{array}$	$\begin{array}{r} 43 \\ - 19 \\ \hline 24 \end{array}$	$\begin{array}{r} 71 \\ - 24 \\ \hline 47 \end{array}$	$\begin{array}{r} 48 \\ - 36 \\ \hline 12 \end{array}$	$\begin{array}{r} 60 \\ - 25 \\ \hline 35 \end{array}$

How: Line up tens and ones and start with the ones. When ones add to 10 or more, carry a ten. When the top ones digit is too small, trade a ten for 10 ones.

③ Words to know

tens and ones what each digit in a two-digit number is worth

regroup trade 10 ones for a ten, or a ten for 10 ones

sum the answer to +

difference the answer to -

④ Watch for

- Taking the smaller ones digit from the bigger one: $82 - 53 = 31$.
- Forgetting to add the carried ten.
- Crossing out a ten but not taking it away from the tens.

⑤ Where it fits

BEFORE

1.NBT.C.4

Add within 100 using models and place value.

THIS SHEET

2.NBT.B.5

Add and subtract within 100 using place value.

NEXT

3.NBT.A.2

Add and subtract within 1000.

⑥ Helping at home

Check a subtraction by adding back: if $82 - 53 = 29$, then $29 + 53$ should make 82.