

Freddie's Frog Pond

Grade 1 · Building numbers to 120 · 1.2B

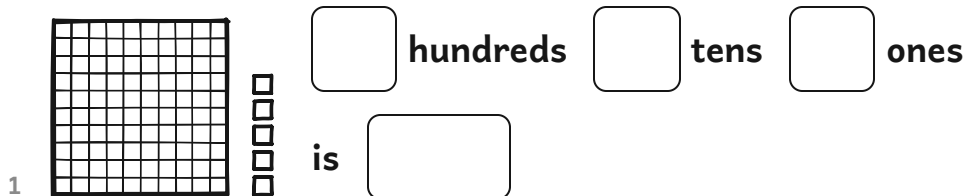
Name _____

Date _____



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

Count the blocks A flat is a hundred, a rod is a ten, a cube is a one.



Expanded form Write each number as tens plus ones.

$$77 = \boxed{} + \boxed{}$$

$$119 = 100 + \boxed{} + \boxed{}$$

$$71 = \boxed{} + \boxed{}$$

$$113 = 100 + \boxed{} + \boxed{}$$

$$89 = \boxed{} + \boxed{}$$

$$118 = 100 + \boxed{} + \boxed{}$$

Another way Trade tens for ones: each ten is ten ones. How many ones now?

$$60 = 5 \text{ tens} + \boxed{} \text{ ones}$$

$$54 = 4 \text{ tens} + \boxed{} \text{ ones}$$

$$41 = 2 \text{ tens} + \boxed{} \text{ ones}$$

$$95 = 8 \text{ tens} + \boxed{} \text{ ones}$$

Words to numbers Write each number with digits.

one hundred nineteen _____

one hundred twelve _____

one hundred seven _____

one hundred five _____

Freddie's Frog Pond

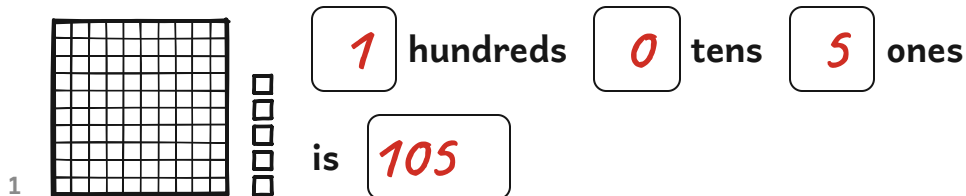
Grade 1 · Building numbers to 120 · 1.2B

ANSWER KEY



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

Count the blocks A flat is a hundred, a rod is a ten, a cube is a one.



Expanded form Write each number as tens plus ones.

$$77 = 70 + 7$$

$$119 = 100 + 10 + 9$$

$$71 = 70 + 1$$

$$113 = 100 + 10 + 3$$

$$89 = 80 + 9$$

$$118 = 100 + 10 + 8$$

Another way Trade tens for ones: each ten is ten ones. How many ones now?

$$60 = 5 \text{ tens} + 10 \text{ ones}$$

$$54 = 4 \text{ tens} + 14 \text{ ones}$$

$$41 = 2 \text{ tens} + 21 \text{ ones}$$

$$95 = 8 \text{ tens} + 15 \text{ ones}$$

Words to numbers Write each number with digits.

one hundred nineteen 119

one hundred twelve 112

one hundred seven 107

one hundred five 105



Freddie's Frog Pond

Grade 1 · Building numbers to 120 · 1.2B

GUIDE

1 What this sheet practises

Building numbers up to 120 from hundreds, tens and ones: in blocks, in expanded form ($47 = 40 + 7$), and in more than one way (34 is 3 tens 4 ones, or 2 tens 14 ones).

2 A problem from the sheet, worked out

Another way Trade tens for ones: each ten is ten ones. How many ones now?

$$60 = 5 \text{ tens} + \boxed{10} \text{ ones}$$

$$54 = 4 \text{ tens} + \boxed{14} \text{ ones}$$

$$41 = 2 \text{ tens} + \boxed{21} \text{ ones}$$

$$95 = 8 \text{ tens} + \boxed{15} \text{ ones}$$

How: Break the number into tens and ones. To write it another way, trade one ten for ten ones: the tens go down by one and the ones go up by ten.

3 Words to know

tens groups of ten

ones single units

expanded form a number as a sum of its places:
 $40 + 7$

hundred ten tens

4 Watch for

- Writing $47 = 4 + 7$ instead of $40 + 7$.
- Forgetting to add ten ones after trading a ten.
- Reading one hundred twelve as 10012.

5 Where it fits

BEFORE

1.NBT.B.2

Understand two-digit numbers as tens and ones.

THIS SHEET

1.2B

Build and break apart numbers up to 120 as hundreds, tens and ones in more than one way.

NEXT

2.NBT.A.1

Understand three-digit numbers as hundreds, tens and ones.

6 Helping at home

Build a number with coins: dimes for tens and pennies for ones. Then trade a dime for ten pennies and ask what the number is now.

