Place Value Year 2

Tens and ones - numbers to 100

FREE - 8 activity pages + mixed challenge + answer key

1 Build the number

2 What is the digit worth?

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4 Zero the hero

5 Compare with <, > and =

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7 Numbers in words

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How to use this pack - grown-ups

One page a day works well. Let your child build each number with real objects first (pasta, buttons, coins) - then on paper.

Your place value chart - copy it or cut it out

Tens	Ones

For Year 2 children (ages 6-7) - England, two-digit numbers to 100

LittleLearners - littlelearners.site

Build the Number

Count the tens rods and the ones cubes. Write the number.

Name _____ Date _____ Score ____ / ____

Count and build:



_____ tens + _____ ones = _____

Count and build:



_____ tens + _____ ones = _____

Count and build:



_____ tens + _____ ones = _____

Count and build:



_____ tens + _____ ones = _____

Grown-up tip: 10 ones make 1 ten. If your child counts 10 cubes, swap them for one rod and say it out loud: "ten ones make one ten".

What Is the Digit Worth?

The same digit is worth a different amount in a different place.

Name _____ Date _____ Score ____ / ____

47

The 4 is worth _____

The 7 is worth _____

83

The 8 is worth _____

The 3 is worth _____

29

The 2 is worth _____

The 9 is worth _____

56

The 5 is worth _____

The 6 is worth _____

91

The 9 is worth _____

The 1 is worth _____

64

The 6 is worth _____

The 4 is worth _____

Quick check - circle the number where 5 is worth 50:

56 **65** **15**

Remember: in 56 the 5 sits in the tens place, so it is worth 50.

Partitioning Two Ways

Split each number two different ways. Both ways are right!

Name _____ Date _____ Score ____ / ____

Example: 23 = 20 + 3 and 23 = 10 + 13

The second way helps later with subtraction. Try it below!

45

45 = _____ + _____

45 = _____ + _____

38

38 = _____ + _____

38 = _____ + _____

72

72 = _____ + _____

72 = _____ + _____

56

56 = _____ + _____

56 = _____ + _____

63

63 = _____ + _____

63 = _____ + _____

84

84 = _____ + _____

84 = _____ + _____

Hint: in the second split, take one ten away and add 10 ones.

Zero the Hero

The 0 means "no ones" - it does NOT mean "nothing"!

Name _____ Date _____ Score ____ / ____

30 has _____ tens and _____ ones

70 has _____ tens and _____ ones

40 has _____ tens and _____ ones

20 has _____ tens and _____ ones

90 has _____ tens and _____ ones

60 has _____ tens and _____ ones

Circle the number with 6 tens:

60 **16** **6**

Careful! 16 has 1 ten and 6 ones. 6 on its own has no tens at all.

Compare with <, > and =

Look at the tens digit first - it decides.

Name _____ Date _____ Score ____ / ____

47	☐	29	63	☐	68
55	☐	55	81	☐	18
34	☐	43	90	☐	99

The crocodile mouth always opens towards the bigger number!

47 > 29 because 4 tens beats 2 tens. 81 > 18 even though 8 and 1 swap places.

Order Numbers to 100

Put the numbers in order. Smallest first - except the last row!

Name _____ Date _____ Score ____ / ____

Smallest to largest:

58 23 41 76 -> ☐ ☐ ☐ ☐

Smallest to largest:

90 19 64 35 -> ☐ ☐ ☐ ☐

Smallest to largest:

12 87 45 70 -> ☐ ☐ ☐ ☐

Largest to smallest:

66 29 81 53 -> ☐ ☐ ☐ ☐

Tip: order by the tens digit first. Only look at the ones if the tens match.

Numbers in Words

Match each number to its word. Watch out for the teen trap!

Name _____ Date _____ Score ____ / ____

13	.....	**thirty**
30	.....	**nineteen**
14	.....	**seventy**
40	.....	**thirteen**
17	.....	**forty**
70	.....	**seventeen**
19	.....	**ninety**
90	.....	**fourteen**

Now write these numbers in words:

25 -> _____

68 -> _____

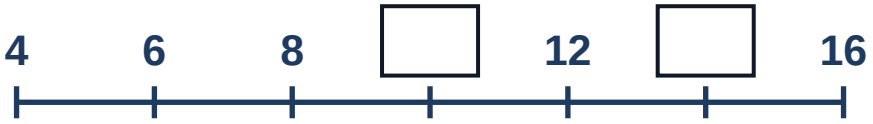
Teen trap: thirteen is NOT thirty! Listen for the "-teen" ending.

Counting in Steps

Fill in the missing numbers on each number line.

Name _____ Date _____ Score ____ / ____

Count in 2s:



Count in 3s:



Count in 5s:



Count in 10s:



Count back in 10s:



Counting in 10s from any number is new in Year 2 - 12, 22, 32, 42...

Ten more, ten less - only the tens digit changes:

10 more than 37 is _____

10 more than 28 is _____

10 more than 51 is _____

10 less than 64 is _____

10 less than 73 is _____

10 less than 90 is _____

Mixed Challenge

One page, everything together. Then check your answers below!

Name _____ Date _____ Score ____ / ____

1. Build 46: _____ tens and _____ ones.

Partition it two ways: 46 = _____ + _____ and 46 = _____ + _____

2. Write <, > or = : 73 _____ 37

3. Write eighty-four as a number: _____

4. Count in 3s: 15, 18, _____, 24

Answer Key - Grown-ups

2 Build the number

34 (3 tens, 4 ones); 52 (5 tens, 2 ones); 27 (2 tens, 7 ones); 61 (6 tens, 1 one).

3 Digit values

47 -> 40 and 7; 83 -> 80 and 3; 29 -> 20 and 9; 56 -> 50 and 6; 91 -> 90 and 1; 64 -> 60 and 4. Circle: 56.

4 Partitioning

45 = 40 + 5 and 30 + 15; 38 = 30 + 8 and 20 + 18; 72 = 70 + 2 and 60 + 12; 56 = 50 + 6 and 40 + 16; 63 = 60 + 3 and 50 + 13; 84 = 80 + 4 and 70 + 14.

5 Zero the hero

30 -> 3 tens, 0 ones; 70 -> 7 tens, 0 ones; 40 -> 4 tens, 0 ones; 20 -> 2 tens, 0 ones; 90 -> 9 tens, 0 ones; 60 -> 6 tens, 0 ones. Circle: 60.

6 Compare (tens digit decides)

47 > 29 (4 tens beats 2 tens); 63 < 68 (same tens, 3 ones < 8 ones); 55 = 55; 81 > 18 (8 tens beats 1 ten); 34 < 43; 90 < 99.

7 Order

23, 41, 58, 76 (tens: 2, 4, 5, 7); 19, 35, 64, 90; 12, 45, 70, 87; largest first: 81, 66, 53, 29.

8 Words

13 thirteen; 30 thirty; 14 fourteen; 40 forty; 17 seventeen; 70 seventy; 19 nineteen; 90 ninety. 25 twenty-five; 68 sixty-eight.

9 Steps

2s: 10, 14; 3s: 12; 5s: 25; 10s: 42; back in 10s: 57. Ten more/less: 47, 54, 38, 63, 61, 80.

10 Challenge

46 = 4 tens, 6 ones = 40 + 6 and 30 + 16; 73 > 37; 84; 21.