



CONVERT BETWEEN PLACE VALUES 3-DIGITS SHEET 1

As we move a place to the left on the place value chart, the value gets ten times bigger.

H	T	O
		3
	3	0
3	0	0

So 3 tens is worth ten times as much as 3 ones:

$$3 \text{ tens} = 3 \text{ ones} \times 10 = 30 \text{ ones.}$$

And 3 hundreds is worth ten times as much as 3 tens, or 100 times as much as 3 ones.

$$3 \text{ hundreds} = 3 \text{ tens} \times 10 = 30 \text{ tens OR}$$

$$3 \text{ hundreds} = 3 \text{ ones} \times 100 = 300 \text{ ones.}$$

Work out these missing conversion facts

1)	5 tens = ____ ones	2)	30 ones = ____ tens
3)	7 hundreds = ____ tens	4)	40 tens = ____ hundreds
5)	60 ones = ____ tens	6)	3 hundreds = ____ tens
7)	5 hundreds = ____ tens	8)	1 hundred = ____ ones
9)	8 tens = ____ ones	10)	400 ones = ____ hundreds
11)	4 hundreds = ____ ones	12)	80 tens = ____ hundreds
13)	6 tens = ____ ones	14)	____ hundreds = 700 ones
15)	70 ones = ____ tens	16)	9 hundreds = ____ tens
17)	60 tens = ____ hundreds	18)	400 ones = ____ hundreds
19)	3 tens = ____ ones	20)	400 ones = ____ tens

PUZZLE TIME – find the answer to the riddle below in the table!

- I am worth more than 40 tens.
- I am less than 800 ones.
- My tens digit is double my ones digit.
- Who am I?

284	523	742
863	648	821

Name

Date



CONVERT BETWEEN PLACE VALUES 3-DIGITS

SHEET 1 ANSWERS

Work out these missing conversion facts

1)	5 tens = <u>50</u> ones	2)	30 ones = <u>3</u> tens
3)	7 hundreds = <u>70</u> tens	4)	40 tens = <u> </u> hundreds
5)	60 ones = <u> </u> tens	6)	3 hundreds = <u> </u> tens
7)	5 hundreds = <u> </u> tens	8)	1 hundred = <u> </u> ones
9)	8 tens = <u> </u> ones	10)	400 ones = <u> </u> hundreds
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