

3-Digit Place Value

Practice Worksheets

Number Riddles

I have 7 hundreds, 4 tens, and 2 ones.
Answer: _____

I am greater than 356 but less than 360. I have 8 ones
Answer: _____

My tens digit is 5 more than my ones digit. Hundreds digit 3.
Answer: _____

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Place Value Puzzle

Hundreds	Tens	Ones	Number
600	20	9	_____
300	_____	5	385
_____	40	7	747
800	00	6	_____

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Place Value Breakdown

$$468 = \underline{\quad} \underline{\quad} \underline{\quad} + \underline{\quad} \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad} \underline{\quad} \underline{\quad} \text{ hundreds} + \underline{\quad} \underline{\quad} \text{ tens} \\ + \underline{\quad} \underline{\quad} \text{ ones}$$

$$390 = \underline{\quad} \underline{\quad} \underline{\quad} + \underline{\quad} \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad} \underline{\quad} \underline{\quad} \text{ hundreds} + \underline{\quad} \underline{\quad} \text{ tens} \\ + \underline{\quad} \underline{\quad} \text{ ones}$$

$$705 = \underline{\quad} \underline{\quad} \underline{\quad} + \underline{\quad} \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad} \underline{\quad} \underline{\quad} \text{ hundreds} + \underline{\quad} \underline{\quad} \text{ tens} \\ + \underline{\quad} \underline{\quad} \text{ ones}$$



Expanded Form (Missing Parts)

$$500 + 60 + 8 = 5_8$$

$$400 + 30 + 6 = _36$$

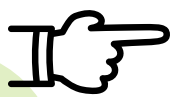
$$900 + 20 + 0 = 9_0$$

$$100 + 70 + 2 = _72$$



Place Value Puzzle

Hundreds	Tens	Ones	Number
600	20	9	---
300	---	5	385
---	40	7	747
800	00	6	---



Compare & Explain

609 690

Reason: _____

478 487

Reason: _____

345 354

Reason: _____



Arrange with Conditions

Ascending:

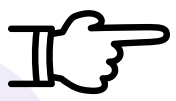
562, 526, 652, 625 →

Greatest tens: _____

Descending:

345, 543, 435 →

Greatest hundreds: _____



Number Pattern (Skip & Logic)

215, 225, _____, _____, 255

980, 970, _____, _____, 940

330, 340, _____, _____, 370

410, 420, _____, _____, 450



Build Greatest/Smallest Number

Using digits 4, 7, 2

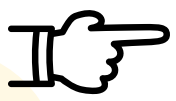
Greatest = _____

Smallest = _____

Using digits 5, 0, 9

Greatest = _____

Smallest = _____



Fill All Possible Digits

$$4 _ 8 > 438$$

$$_ 72 < 372$$

$$6 _ 5 < 665$$

$$_ 90 > 290$$



Error Correction

$$345 = 300 + 40 + 50$$

----- + ----- + -----

$$702 = 700 + 2 + 10$$

----- + ----- + -----

$$560 = 500 + 6 + 0$$

----- + ----- + -----

$$908 = 900 + 80 + 8$$

----- + ----- + -----



Number Riddles

I have 7 hundreds, 4 tens, and 2 ones.

Answer: _____

I am greater than 356 but less than 360. I have 8 ones

Answer: _____

My tens digit is 5 more than my ones digit. Hundreds digit is 3.

Answer: _____



Word Problems

1. A number has 3 hundreds, 6 tens, and 0 ones. Write that number. Also write the number that is 2 less than this number.

Answer: _____ and _____

2. Riya wrote 482. She changed the tens digit to 9. What is the new number?

Answer: _____



Challenge

Largest 3-digit number (different digits):

Answer: _____

Smallest 3-digit number (different digits):

Answer: _____

Hundreds = tens - 1

Ones = $2 \times$ tens

(Try tens numbers like 2, 3, or 4)

Answer: _____

