

Place Value Jumps

Use tens and hundreds to jump forward and backward.

GRADE 2 • NY-2.NBT.8

NY-2.NBT.8 "Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900."

NAME _____

DATE _____

JUMP BY TENS OR HUNDREDS

When you add 10, add one group of ten. When you subtract 10, take away one group of ten. Adding or subtracting 100 changes by one group of one hundred. If needed, trade 10 tens for 1 hundred, or 1 hundred for 10 tens.

WORKED EXAMPLE

A toy shop has 476 kites. It gets 100 more kites. How many kites does it have now?

1. Start with 476.
2. Add 1 hundred.
3. $476 + 100 = 576$.

Answer: 576 kites

PRACTICE 5 problems

- 1** A basket has 342 toy cars. Put 10 more toy cars in the basket. How many toy cars are there now?

ANSWER _____

- 2** A pet store has 680 fish. It gives away 100 fish. How many fish are left?

ANSWER _____

- 3** A game player has 509 points. The player earns 100 more points. How many points does the player have now?

ANSWER _____

- 4** A shelf holds 721 books. Take away 10 books. How many books are left?

ANSWER _____

- 5** A box has 800 crayons. Give 100 crayons to another class. How many crayons are left?

ANSWER _____

APPLY IT Show your work

- 1** Noah has 265 trading cards. He gets 10 more trading cards. How many trading cards does Noah have now?

WORK SPACE

ANSWER _____

- 2** The school library has 830 comic books. It gives 100 comic books to another library. How many comic books are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A toy bin has 398 blocks. Ten more blocks are added. How many blocks are in the bin? Explain why the hundreds digit changes.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A basket has 342 toy cars. Put 10 more toy cars in the basket. How many toy cars are there now?	352 toy cars
2	A pet store has 680 fish. It gives away 100 fish. How many fish are left?	580 fish
3	A game player has 509 points. The player earns 100 more points. How many points does the player have now?	609 points
4	A shelf holds 721 books. Take away 10 books. How many books are left?	711 books
5	A box has 800 crayons. Give 100 crayons to another class. How many crayons are left?	700 crayons

PART 2 • APPLY IT

1. **275 trading cards** Add one ten to 265. $265 + 10 = 275$.
2. **730 comic books** Subtract one hundred from 830. $830 - 100 = 730$.

CHALLENGE

408 blocks. The 9 tens and 1 more ten make 10 tens, which is 1 hundred.

Accept answers with or without the unit when the number is correct. For the challenge, accept 408 and an explanation that 10 tens regroup as 1 hundred.