Name _____ Date _____

# Hop 10 or 100

Find 10 or 100 more or less than any number up to 1,000.

## 1 Learn




For **10 more**, the **tens** digit goes up by 1. For **100 more**, the **hundreds** digit goes up by 1. For less, they go down by 1.




360, 370, 380, 390… **400**! Each hop is **10 more**.

**100 less than 245**

| H | T | O |
|---|---|---|
| **2** | 4 | 5 |
| **1** | 4 | 5 |

Only the **hundreds** digit changes: 2 goes down to 1. The answer is **145**.

**10 more than 390**

| H | T | O |
|---|---|---|
| 3 | **9** | 0 |
| **4** | **0** | 0 |

9 tens + 1 ten = **10 tens**. Swap them for a hundred! The answer is **400**.

**Flip's tip:** look at just one place: the **tens** for 10 more or less, the **hundreds** for 100. Watch out for a **9** going up or a **0** going down!

**Warm up:** start at **245**.

10 more ☐ 10 less ☐ 100 more ☐ 100 less ☐

**Grown-ups:** ask "Which digit will change?" before your child works it out. Saying the place first stops the most common mistake: changing the wrong digit.

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## 2 Try it together a child and a grown-up, about 10 minutes



### Toy hop

**You need:** 2 or 3 sheets of paper stuck end to end (or a long strip), a pencil and a small toy to be the hopper.

1. Draw a long line. Write **0** at one end and **1,000** at the other. Mark **500** halfway, then the other hundreds.
2. The grown-up says a number, like 430. Put the toy where you think it goes.
3. The grown-up says **"10 more!"**, **"10 less!"**, **"100 more!"** or **"100 less!"** Hop the toy and say the new number.
4. Write each go in the table. Then swap: the child calls out the hops.

| Start | Hop | New number |
|---|---|---|
| 430 | 100 more | 530 |
| | | |
| | | |
| | | |

**Grown-ups:** a 10 hop is small and a 100 hop is big: it's fine for the toy's spot to be a good guess. Try starting numbers like 390 or 805, where a hop crosses a hundred.

## 3 Practise

**A.** Fill in the table.

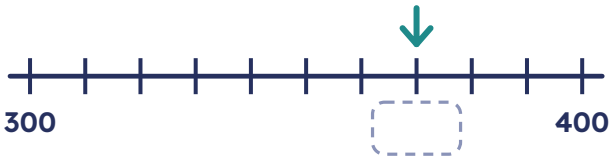
| Number | 10 less | 10 more | 100 less | 100 more |
|---|---|---|---|---|
| **254** | | | | |
| **618** | | | | |
| **390** | | | | |
| **705** | | | | |

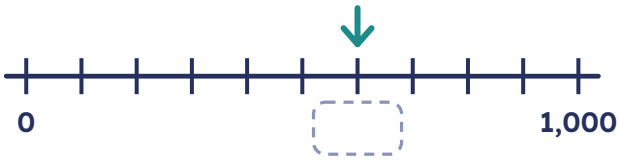
# Hop 10 or 100

Scan to play this chapter in the game

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**B.** Write the missing numbers on the number lines.










The arrow is at about _____

**C.** Fill the boxes.

☐ is 10 more than 487.

10 less than 803 is ☐

100 less than ☐ is 362.

100 more than 899 is ☐

**D.** Solve these.

Sam has **245** stickers. He gets **100 more**. How many does he have now?

_____

A school has **410** children. **10** children move away. How many are left?

_____

Mia counts on in 50s from **650**. What are her next 3 numbers?

_____

## Challenge

Leo says, "100 more than 362 is **372**." Is he right? What mistake did he make?

_____

_____

## I can... Tick when you can.

- ☐ find 10 more or 10 less
- ☐ find 100 more or 100 less
- ☐ find numbers on a number line to 1,000