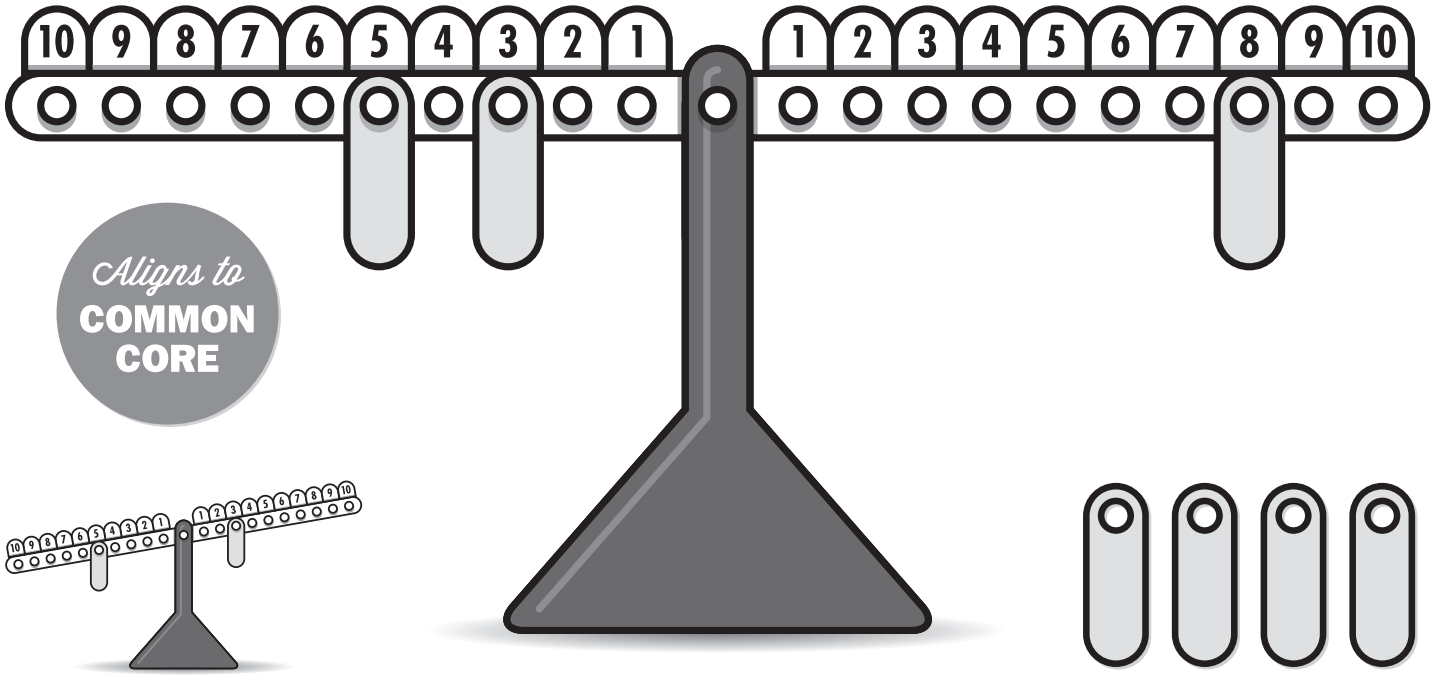
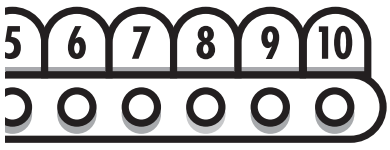
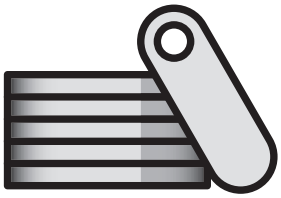
WORKING WITH THE MATH BALANCE

OPERATIONS – INEQUALITIES – ALGEBRAIC CONCEPTS



Aligns to **COMMON CORE**





BY MARIA MAROLDA

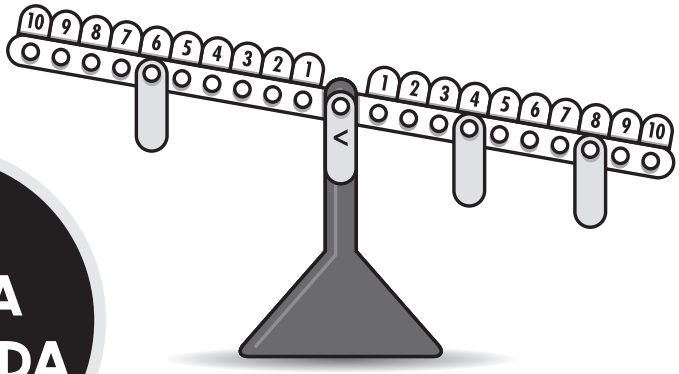
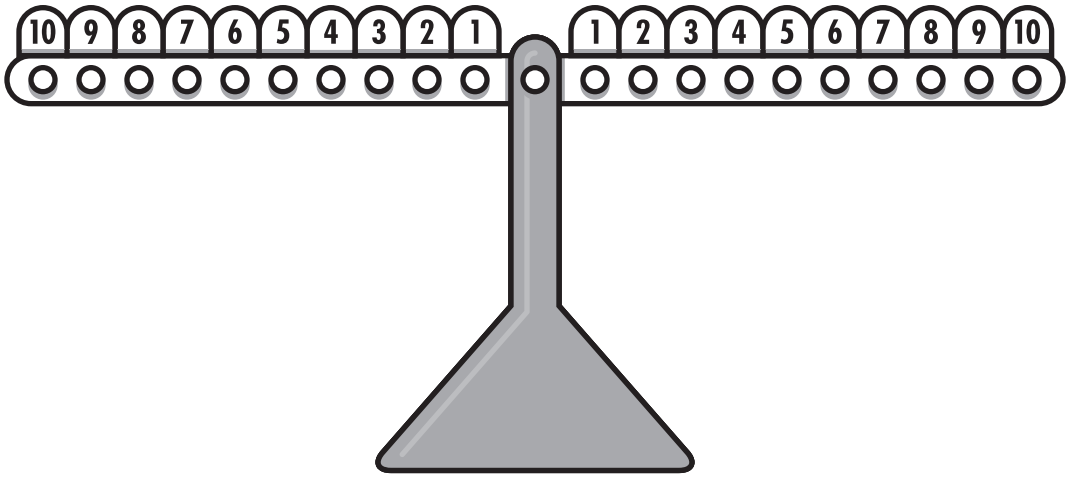


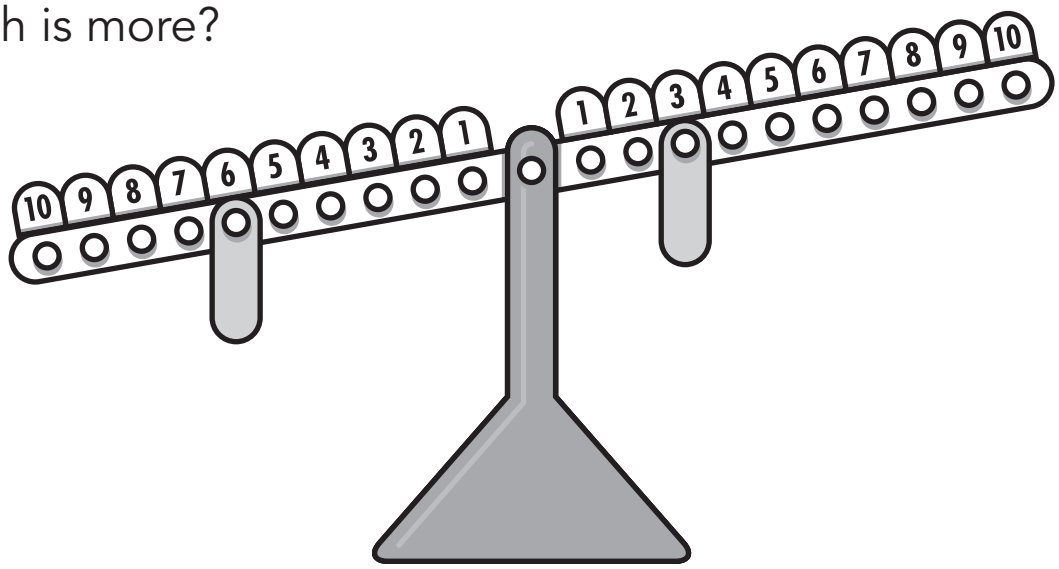
Table of Contents



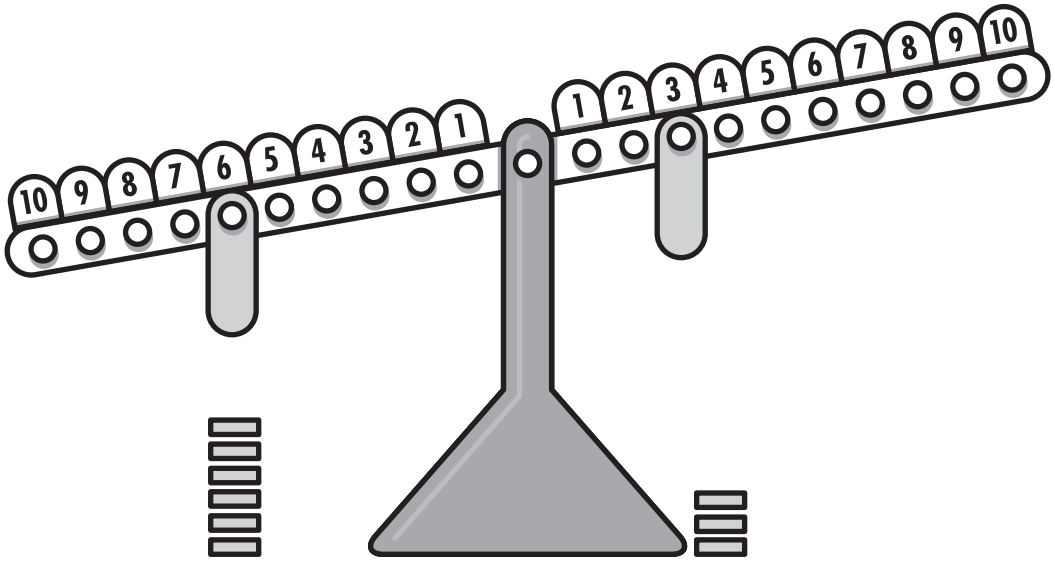
Which Is More?

Which is more, 6 or 3? How can you tell?

Put a weight on the 6-peg on the left side of the balance.
Put a weight on the 3-peg on the right side of the balance.
Which is more?



Now, get some chips. Under each weight, put a set of chips to match the numeral on the peg.



Which set has more chips? How do you know?
The balance and the chips tell us 6 is more than 3.

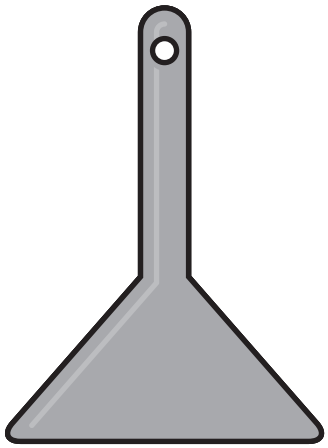
Which Is Less?

Which is less, 5 or 9? Use your balance to find out.

Put a weight on the 5-peg on the left side of the balance.

Now put a weight on the 9-peg on the right side of the balance.

Draw and label your balance.



Now get some chips. Under each weight, put a set of chips to match the numeral on the peg.

Prove 5 is less than 9 using the chips. Show your thinking using a drawing.

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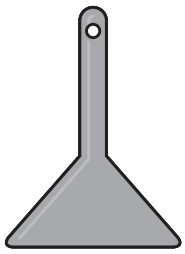
Comparing Numbers

Compare the two numbers in each number pair using your balance. Draw what your balance looks like. Then circle the sentence that describes the two numbers.

My balance:

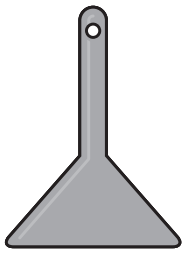
1. Compare 2 and 7



2 is more than 7

2 is less than 7

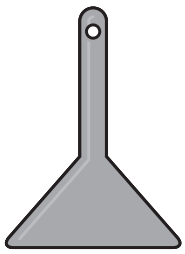
2. Compare 6 and 5



6 is more than 5

6 is less than 5

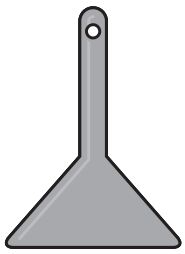
3. Compare 3 and 10



3 is more than 10

3 is less than 10

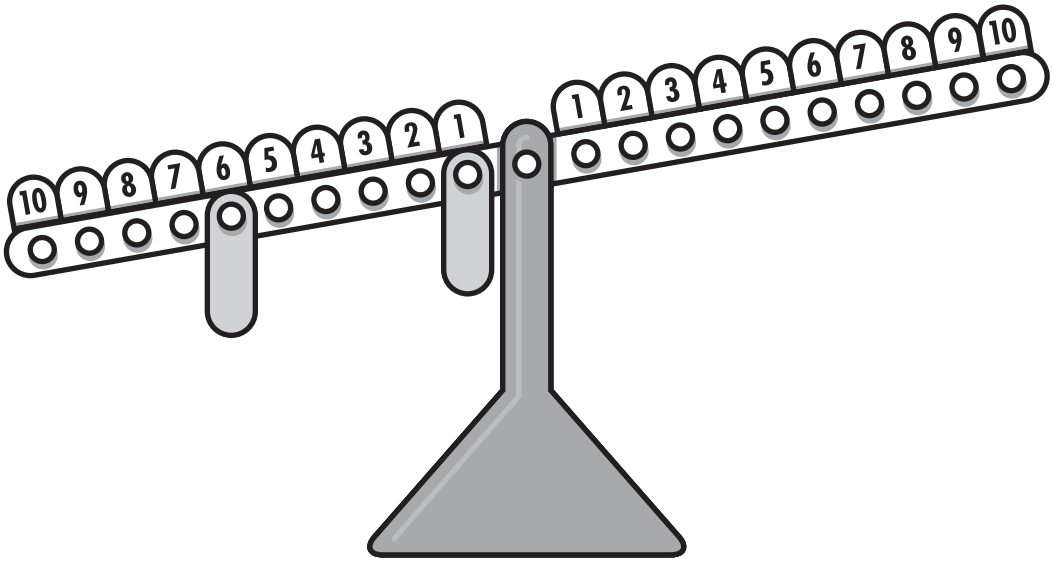
4. Compare 5 and 6



5 is more than 6

5 is less than 6

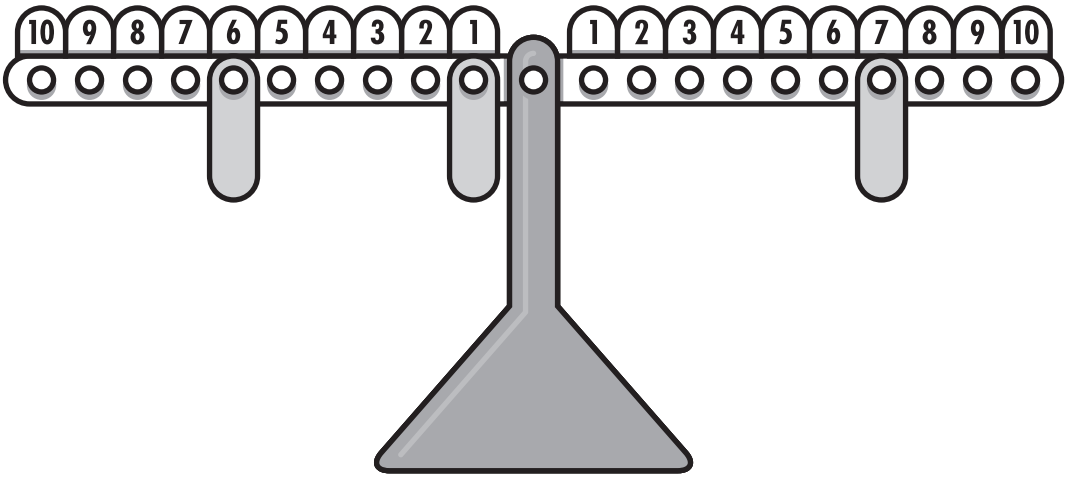
One More



This balance shows 6 plus **one more.**

What number is one more than 6?

Use your balance to find out.



One more than 6 is 7. It balances!

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