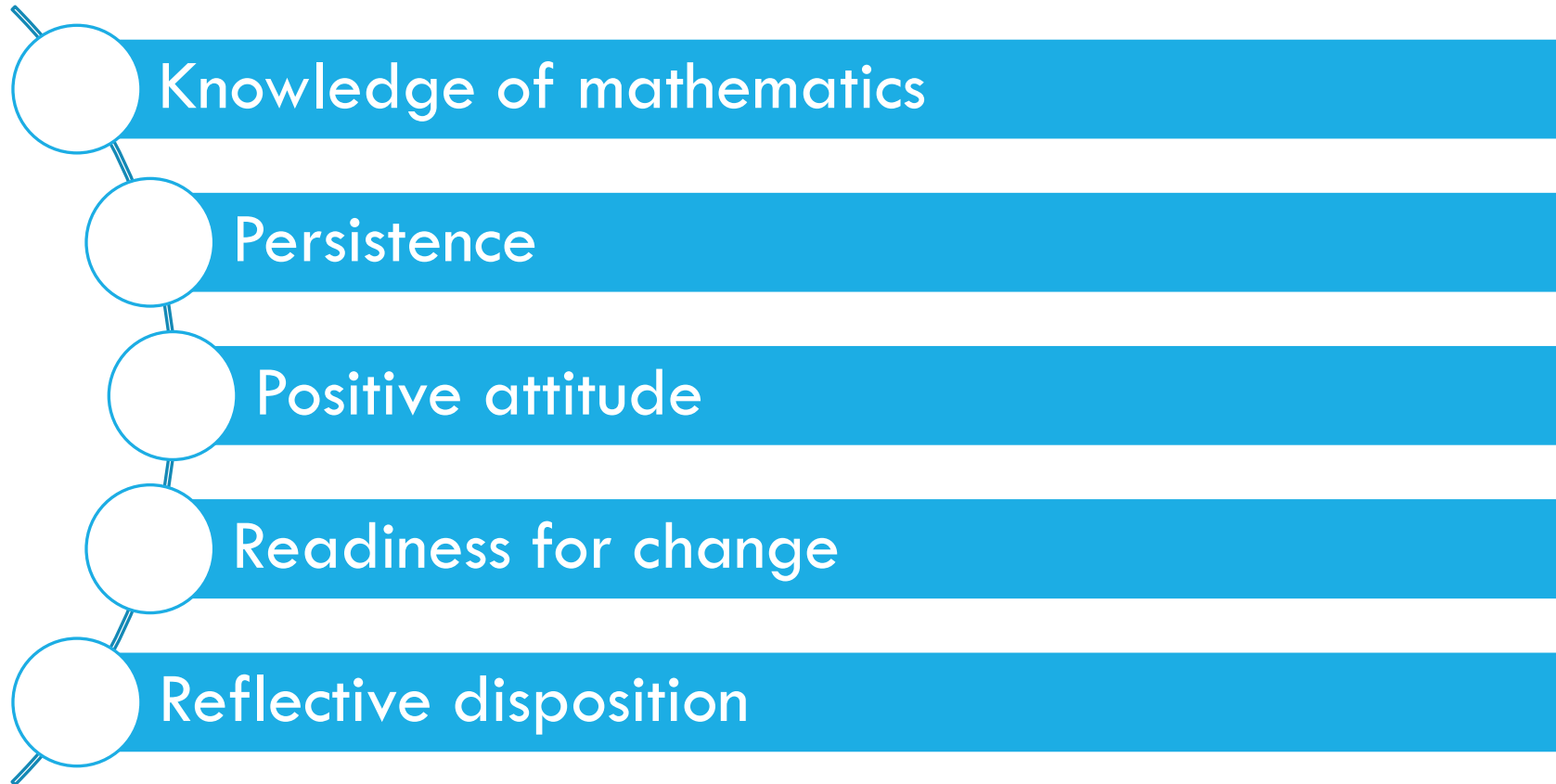




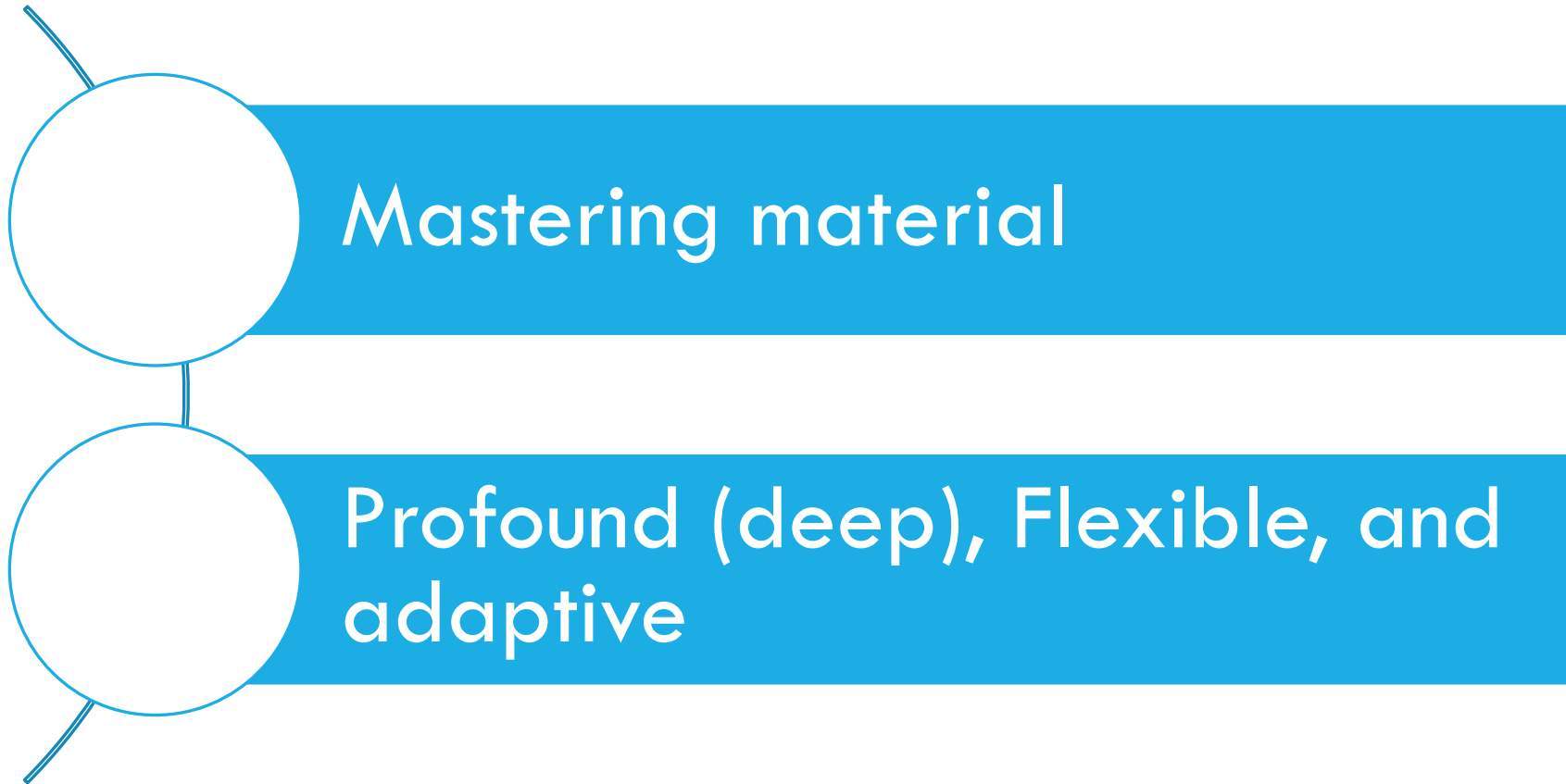
TEACHING MATHEMATICS

Lingga Nico Pradana

BECOMING A TEACHER OF MATHEMATICS



KNOWLEDGE OF MATHEMATICS

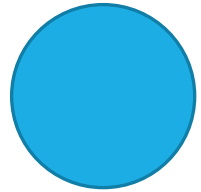


FLEXIBLE

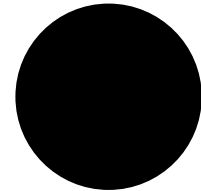
$$1 + 1 = 0$$

True or false?

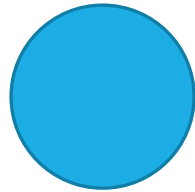
INTEGERS (BILANGAN BULAT)



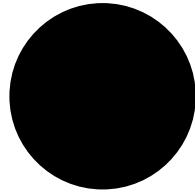
= 1



= -1



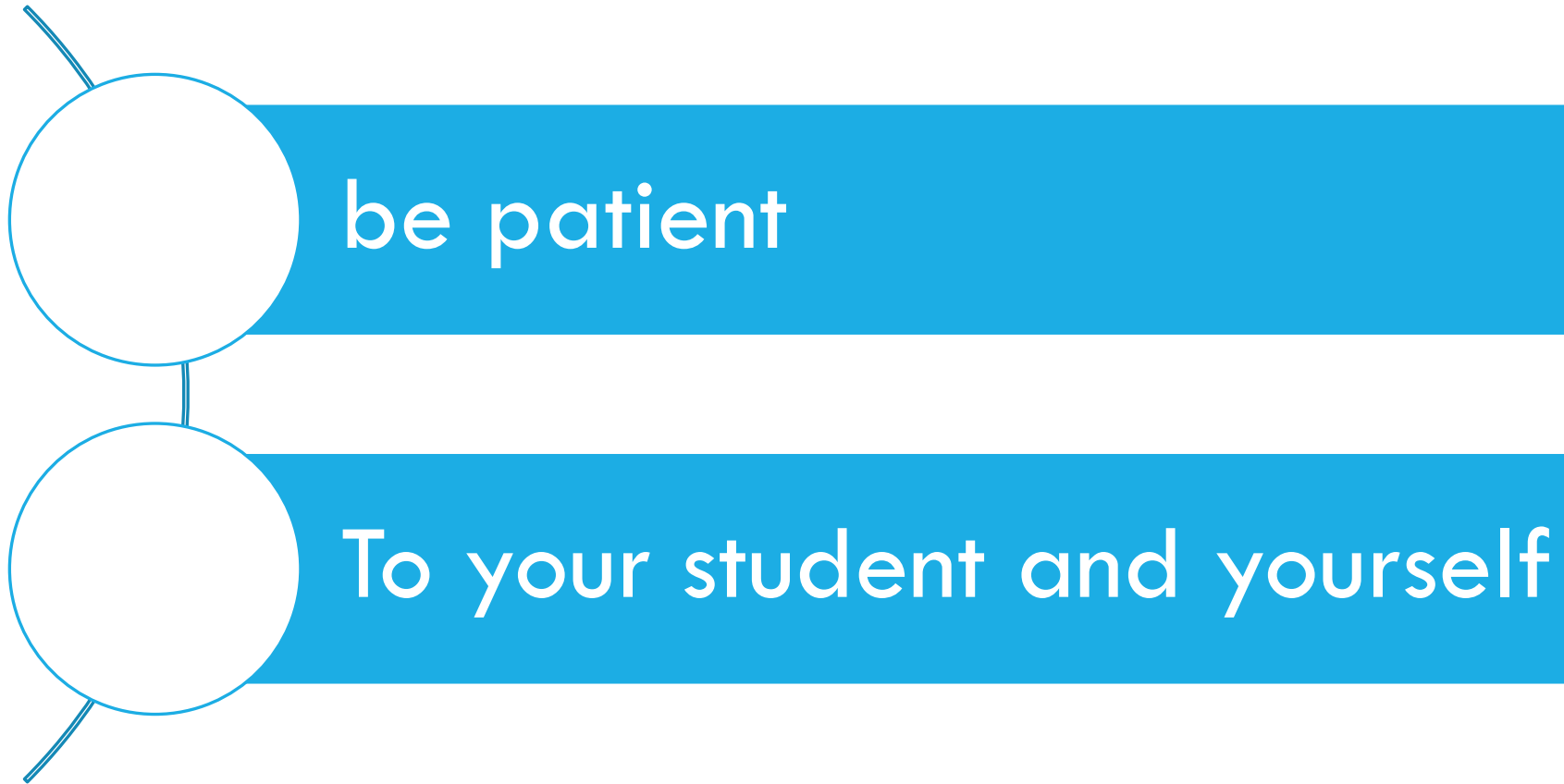
= 0



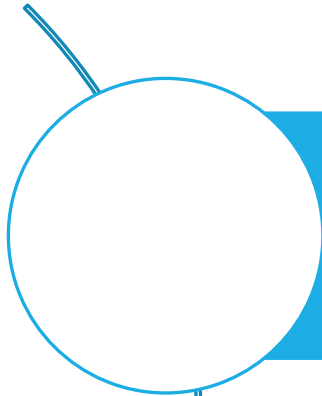
ADDITION (PENJUMLAHAN)

$$-3 + 2 =$$

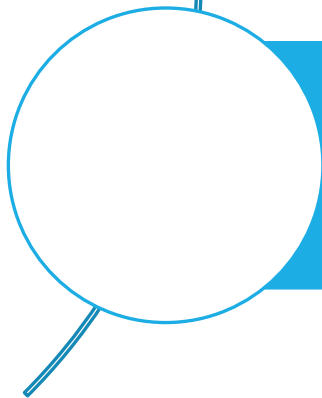
PERSISTENCE



POSITIVE ATTITUDE

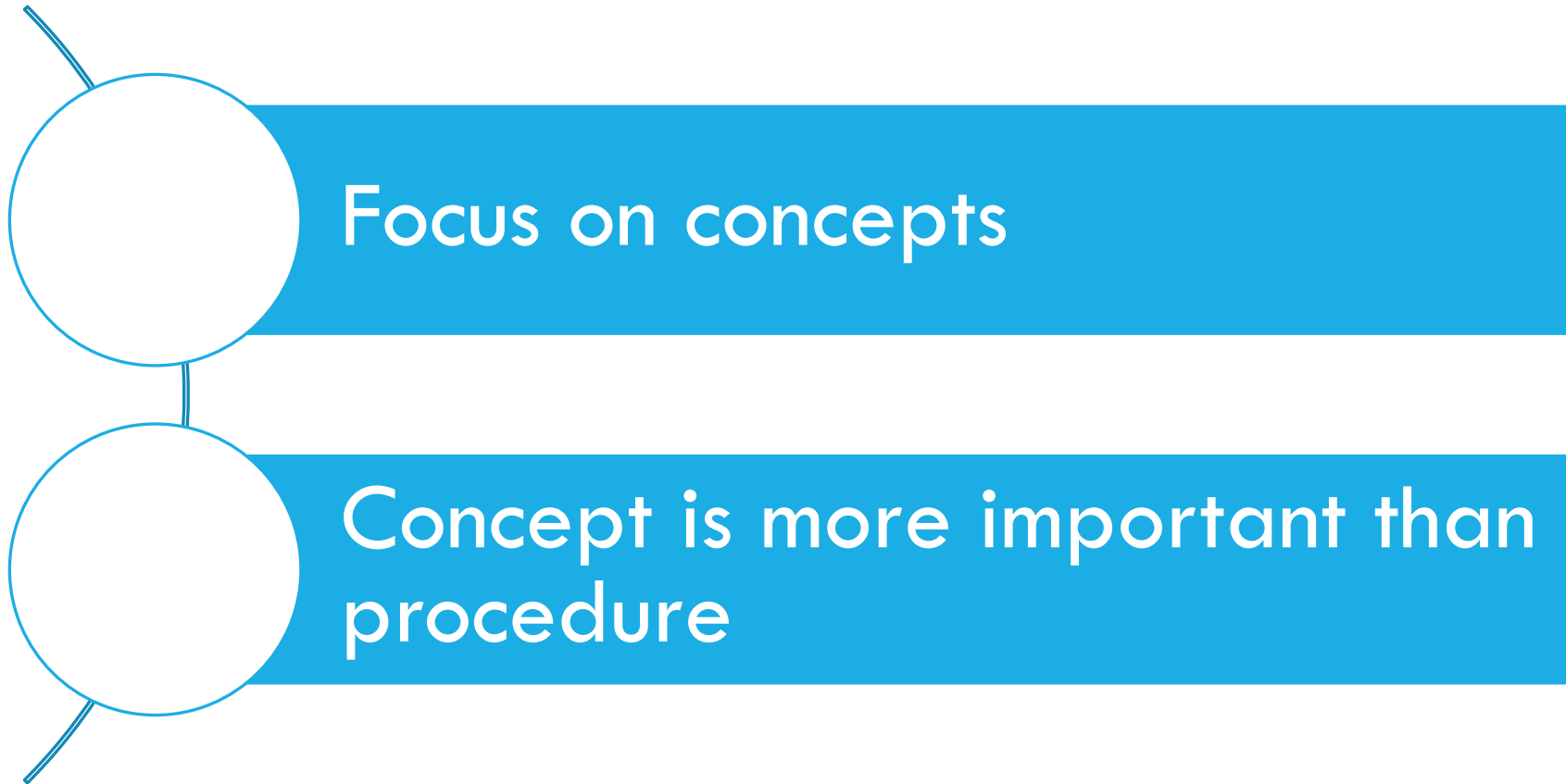


Research shows that teachers with positive attitudes teach math in more successful ways that result in their students liking math more (Karp, 1991)



If in your heart you say, “I never liked math,” that will be evident in your instruction

READINESS FOR CHANGE



EXAMPLE

$$3\frac{1}{2} \div \frac{1}{2} = \dots$$

CORRESPOND STORY PROBLEM

You plan to serve each guest $\frac{1}{2}$ a pizza. If you have $3\frac{1}{2}$ pizzas, how many guest can you serve?

REFLECTIVE DISPOSITION



Make a time to be self-conscious and reflective

The best teachers are always trying to improve their practice

The best teachers never finish learning all that they need to know



THANK YOU

LNP