

Understanding Subtraction, Mental Calculation Strategies

Year 2 Summer Term Week 3

Lesson 3

Today we will be learning to:

- add and subtract
- add a one-digit number to a teens number.

Mental Activity

Play 'Round the table'.



Sit in groups with people you do not normally work with.

Your group will need:

- a pen
- a big sheet of paper.

The child holding the pen is the 'leader'.

The leader chooses a multiple of 10.


Writes it on the piece of paper.

Circles the number.

I will throw a dice.

Subtract the dice number from
your circled number.

Write your answer next to your
number.



Check your answer.

Give the pen to the person
on your right.

Start again.

Main Activity

Today we are going to be adding and subtracting across 20.

Give me an example of a teens number.

teens number

Give me an example of a one-digit number.

teens number

one-digit number

Give me one of each number that add together to total more than 20?

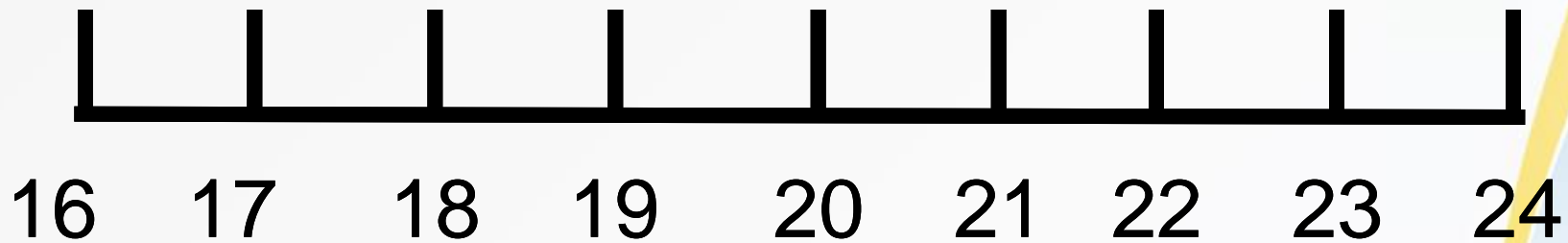
teens number

one-digit number

number sentence

What strategies can we use?

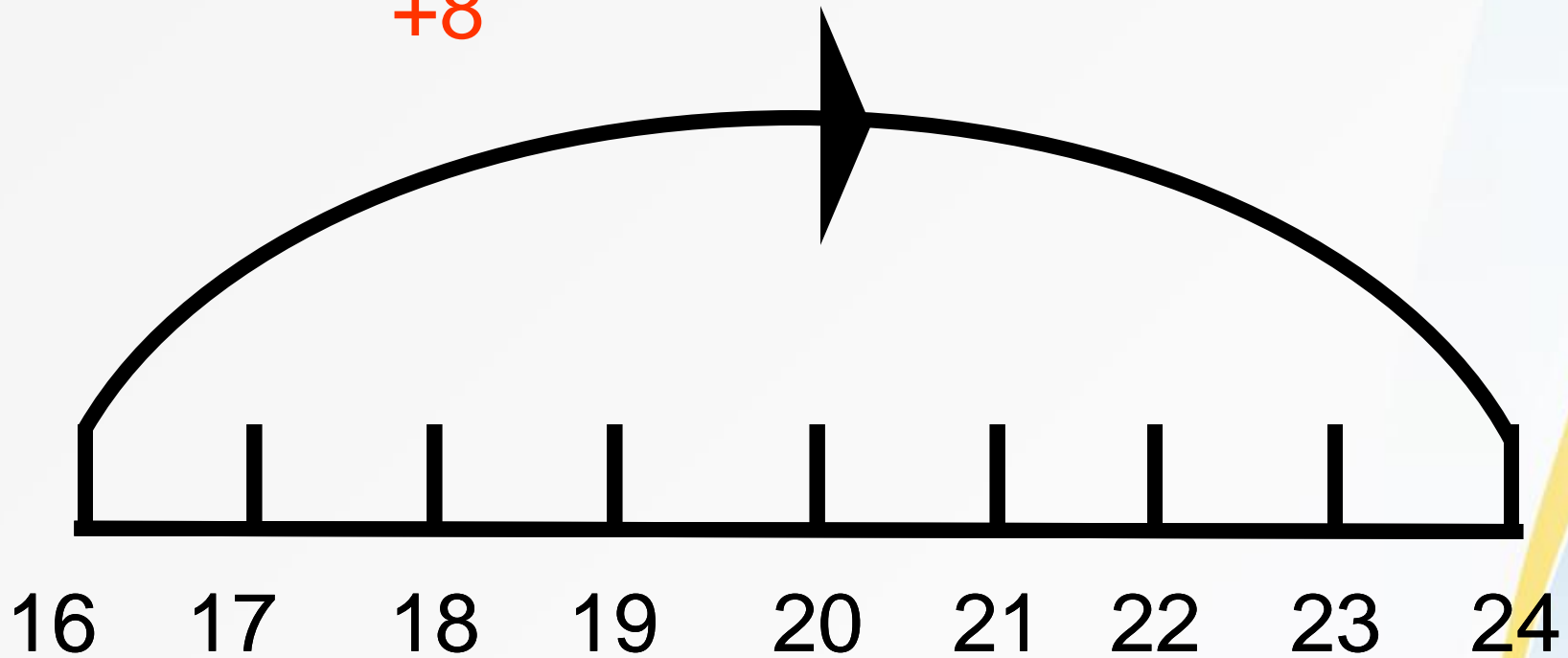
How can counting on help?



How would we solve $16 + 8$?

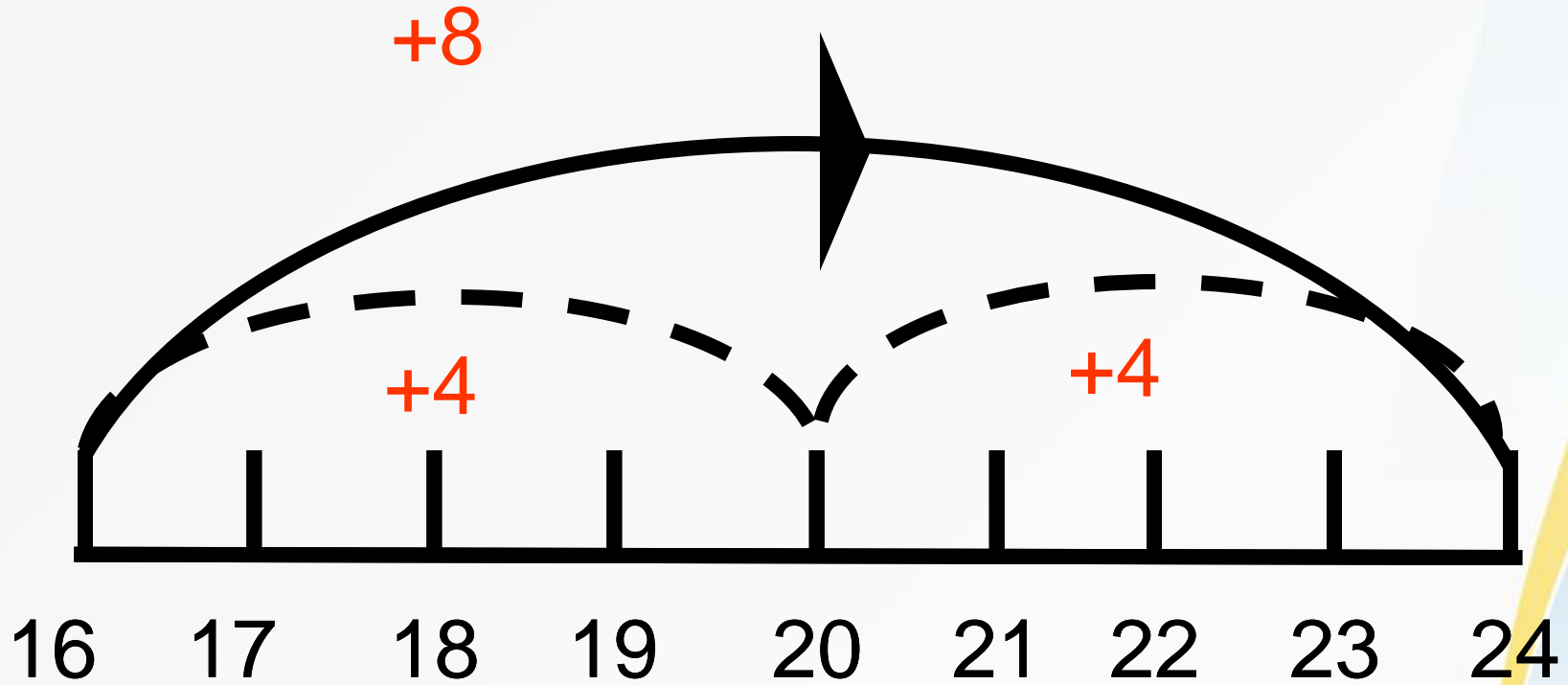
$$16 + 8 = 16 + 4 + 4$$

+8

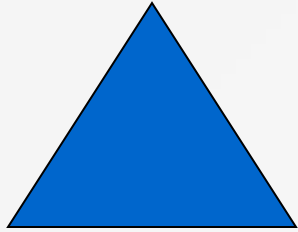


We could count on 8.

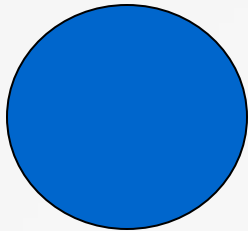
$$16 + 8 = 16 + 4 + 4$$
$$= 20 + 4 = 24$$



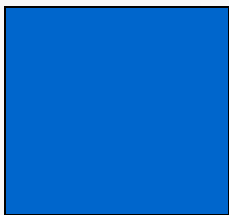
Group Work



Solve addition problems in two steps. The first step must make 20.



Solve addition problems in two steps. The first step must make 20. Use a number line to help.



Solve addition problems in two steps. The first step must make 20.