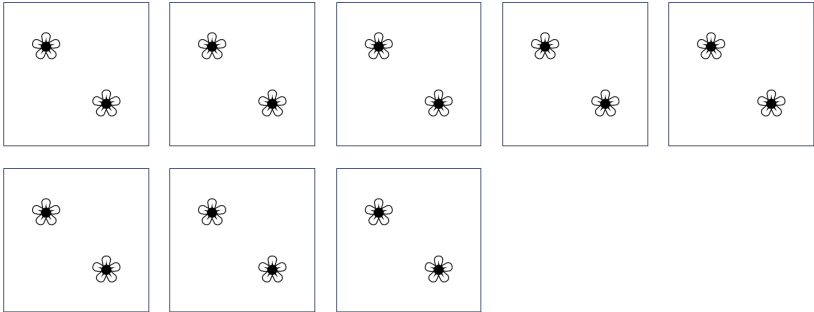


Daily Review & Quick Teach

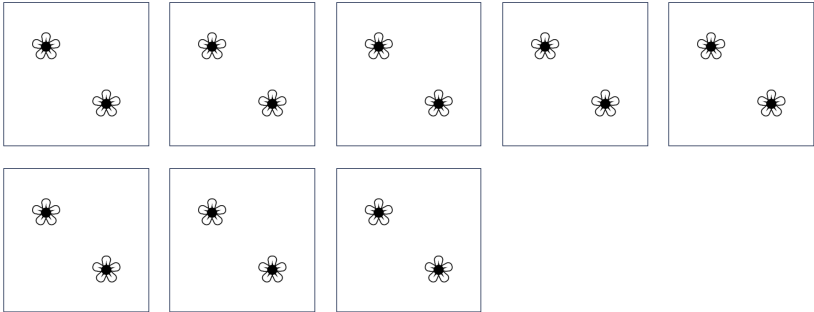
3A

Mini Whiteboards Required

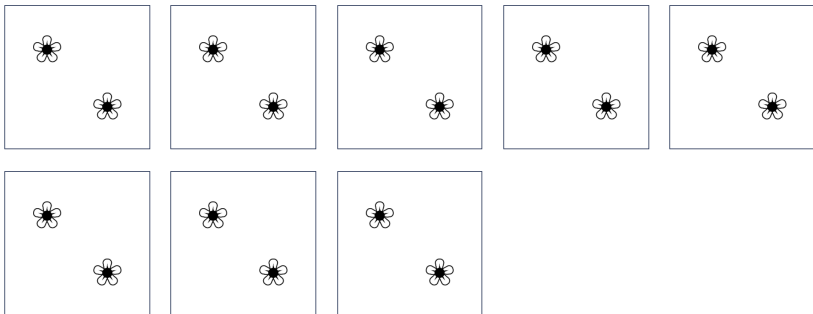
How many flowers in each garden?~



How many flowers in each garden? ~ 2



How many flowers in each garden? ~ 2

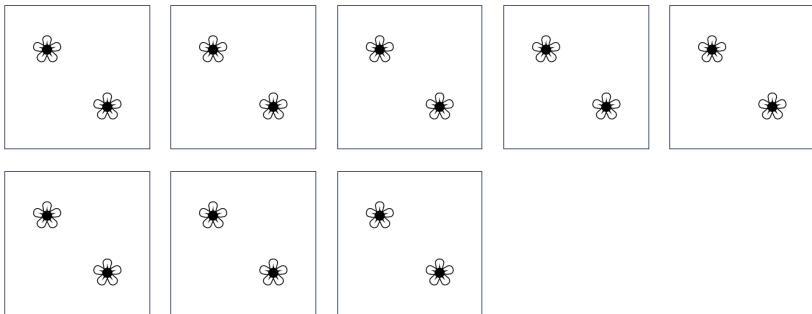


Count by 2s to find the total number of flowers.~

(Point to gardens as students count by 2s)

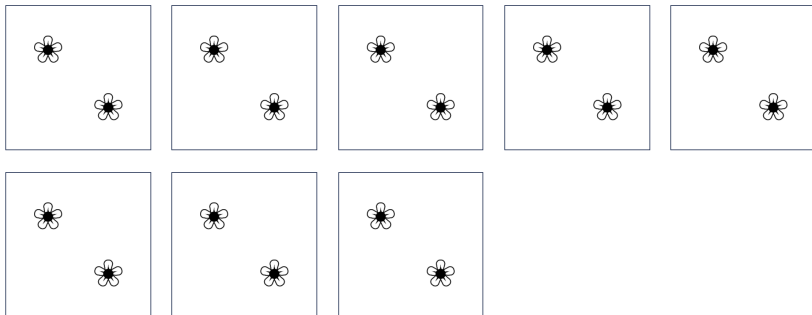
How many flowers altogether?~

How many flowers in each garden? ~ 2



Count by 2s to find the total number of flowers.
(Point to gardens as students count by 2s)

How many flowers altogether? ~ 16



Say after me^

8 groups of 2 equals 16

Count by 3s to 15^

3 6 9 12 15

Count by 3s to 15^

3

6

9

12

15

I want you to remember all 5 numbers!
Say after me. 3, 6, 9, 12, 15^

Count by 3s to 15^



Count by 3s to 15



3, 6, 9, 12, 15

The difference between the numbers on a number line is called the interval. Say **interval**~



The difference between the numbers on a number line is called the interval. Say **interval**~

This number line has an interval of 2.
What is the interval on this number line?~



The difference between the numbers on a number line is called the interval. Say **interval**~

This number line has an interval of 2.

What is the interval on this number line?~ **2**



This number line has an interval of 1.

What is the interval on this number line?~

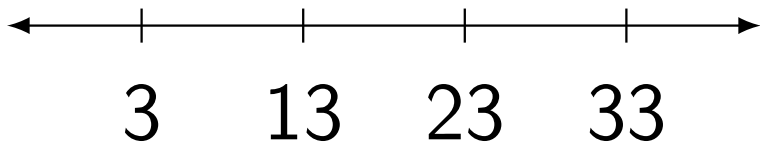


This number line has an interval of 1.

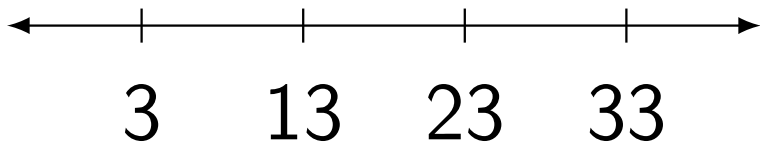
What is the interval on this number line? ~ 1



What is the interval on this number line?~



What is the interval on this number line? ~ 10



What is the interval on this number line?~



What is the interval on this number line? ~ 1



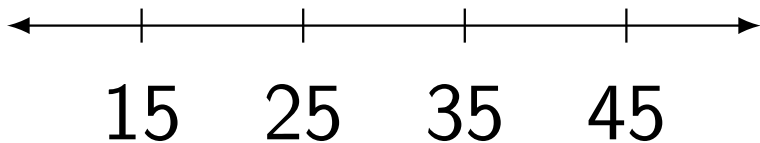
What is the interval on this number line?~



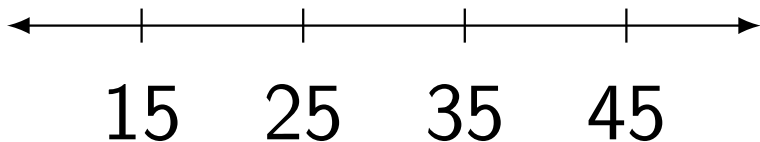
What is the interval on this number line? ~ 10



What is the interval on this number line?~



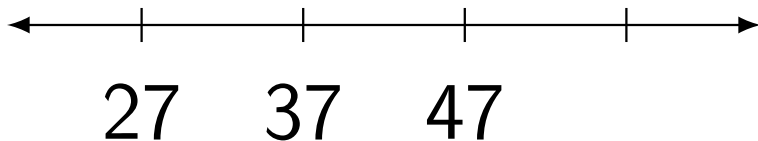
What is the interval on this number line? ~ 10



What is the interval on this number line?~

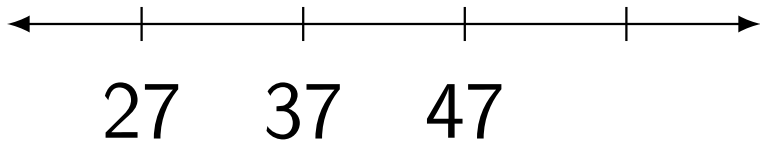


What is the interval on this number line? ~ 10



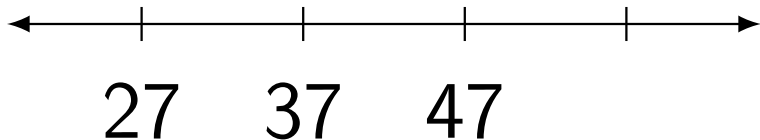
What is the interval on this number line? ~ 10

Count by 10s from 27 ^



What is the interval on this number line? ~ 10

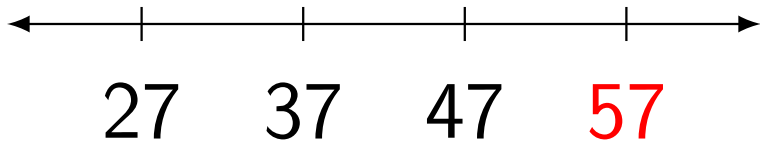
Count by 10s from 27 ^



What is the missing number? ~

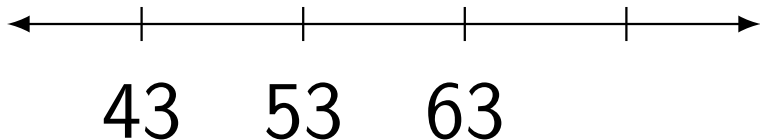
What is the interval on this number line? ~ 10

Count by 10s from 27 ^



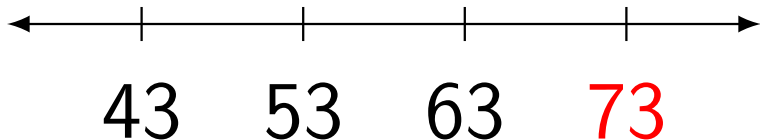
What is the missing number? ~ 57

Let's do one more.
Count in your head this time.



(Hand up)

What is the missing number? (Pause)~



(Hand up)

What is the missing number? (Pause) ~ 73

I will show you two numbers and ask you which is bigger.

92

58

Which is bigger?~

92

58

Which is bigger? ~ 92

52

55

Which is bigger?~

52

55

Which is bigger? ~ 55

6

41

Which is bigger?~

6

41

Which is bigger? ~ 41

28

12

Which is bigger?~

28

12

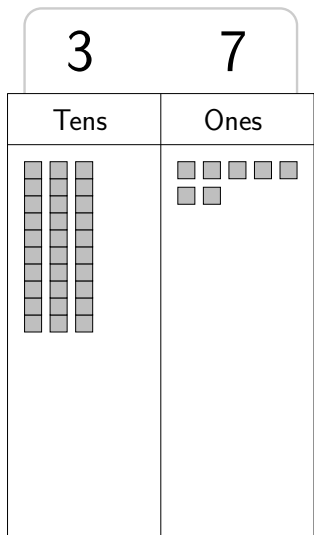
Which is bigger? ~ 28

What number?~

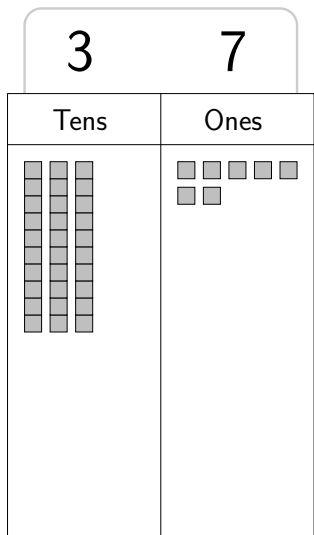
37

What number? ~ Thirty-seven

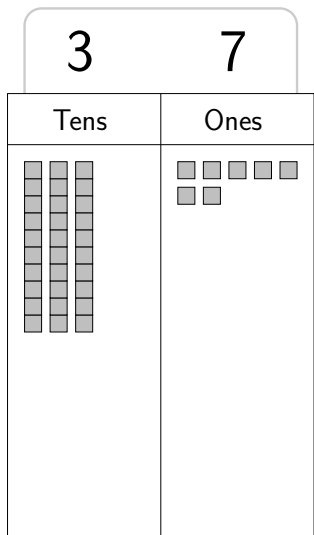
37



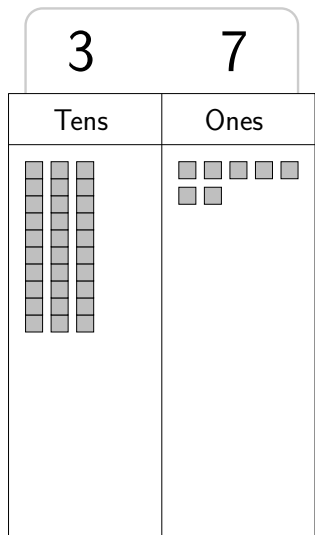
(Point to blocks as you ask)
What are 3 tens?~



(Point to blocks as you ask)
What are 3 tens? ~ 30



3 tens are 30, so 37 equals
(Point to blocks as you say)
30 plus 7.



3 tens are 30, so 37 equals
(Point to blocks as you say)
30 plus 7.

What does 37 equal? ^

Read the place value fact for 37.

(Point to each component as students read equation)

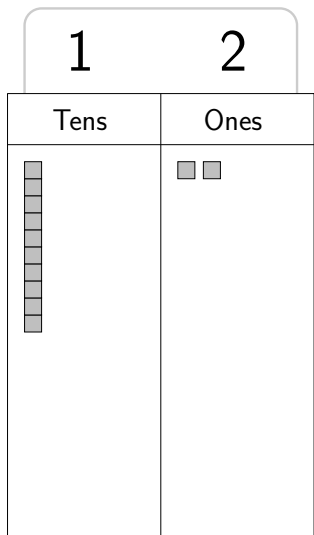
$$37 = 30 + 7$$

What number?~

12

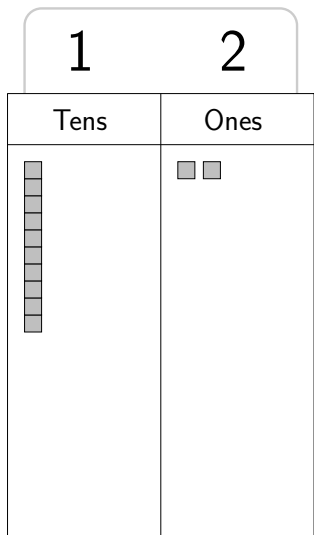
What number? ~ Twelve

12



(Point to chart as you ask)

What is 1 ten?~



(Point to chart as you ask)

What is 1 ten? ~ 10

Write the place value fact for 12 on your whiteboard.

12 =

3, 2, 1, **Chin it!** (Click to reveal answer)

3, 2, 1, **Chin it!** (Click to reveal answer)

$$12 = 10 + 2$$

Boards down. Check it.

3, 2, 1, **Chin it!** (Click to reveal answer)

$$12 = 10 + 2$$

Boards down. Check it.
Read your place value fact~

3, 2, 1, **Chin it!** (Click to reveal answer)

$$12 = 10 + 2$$

Boards down. Check it.
Read your place value fact~
Great! Wipe it.

Read the place value fact for 65.

(Point to each component as students read equation)

$$65 = 60 + 5$$

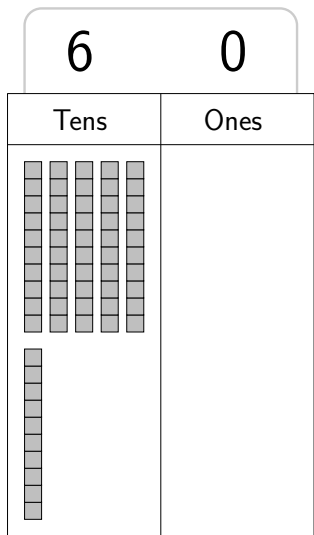
This place value fact has (Point to tens) **tens** and
(Point to ones) **ones**.
What does it have?~

$$65 = 60 + 5$$

Place value facts for 2-digit numbers always have
(Point to tens) **tens and** (Point to ones) **ones**.

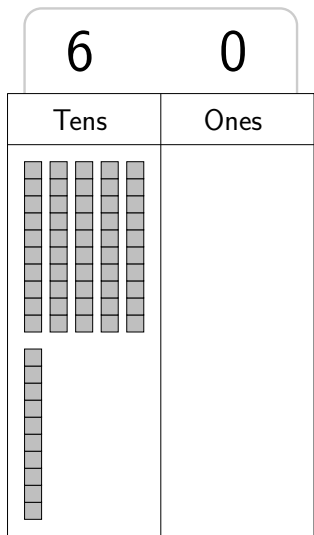
What do place value facts for 2-digit numbers always? ~

$$65 = 60 + 5$$



(Point to chart)

This is 60. What number?~



(Point to chart)

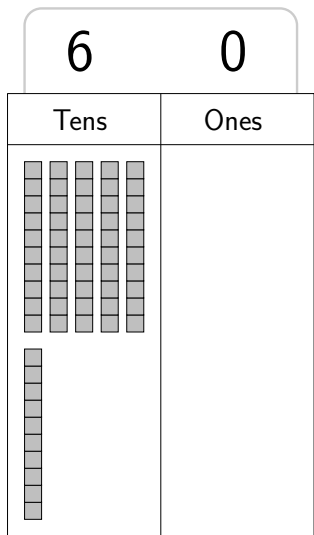
This is 60. What number?~

60 has two parts.

(Pointing to numbers and words
in chart as you say)

Repeat after me,

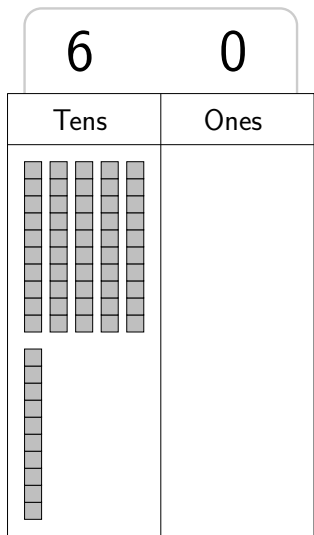
6 tens and 0 ones^



(Point to chart)

Read the place value fact for 60.

$$60 = 60 + 0$$

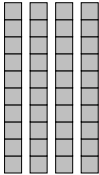


(Point to chart)

Read the place value fact for 60.

$$60 = 60 + 0$$

Remember, place value facts for 2-digit numbers always have tens and ones.

4	0
Tens	Ones
	

Your turn. Write the place value fact for 40 on your whiteboard.

40 =

3, 2, 1, **Chin it!** (Click to reveal answer)

3, 2, 1, **Chin it!** (Click to reveal answer)

$$40 = 40 + 0$$

Boards down. Check it.

3, 2, 1, **Chin it!** (Click to reveal answer)

$$40 = 40 + 0$$

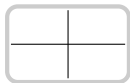
Boards down. Check it.
Read your place value fact~

3, 2, 1, **Chin it!** (Click to reveal answer)

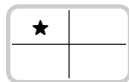
$$40 = 40 + 0$$

Boards down. Check it.
Read your place value fact~
Great! Wipe it.

Let's prepare our boards, across and down~
(Model and Check)

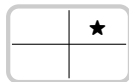


Let's prepare our boards, across and down~
(Model and Check)

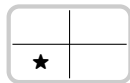


- (Touch top left)
Write thirty-three here^ (Check)

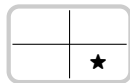
Let's prepare our boards, across and down~
(Model and Check)



- (Touch top left)
Write thirty-three here^ (Check)
- (Touch top right)
Write ninety-six here^ (Check)



- (Touch bottom left)
Write twenty here^ (Check)



- (Touch bottom left)
Write twenty here^ (Check)
- (Touch bottom right)
Write fifteen here^ (Check)

3, 2, 1, **Chin it!** (Click to reveal answer)

3, 2, 1, **Chin it!** (Click to reveal answer)

33	96
20	15

Boards down. Check it. Wipe it.



When you see this symbol do you add or subtract?~



When you see this symbol do you add or subtract? ~ **Add**



When you see this symbol do you add or subtract? ~ **Add**

That's right plus means add and it's now time to add.

$$\begin{array}{r} 33 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 45 \\ \hline \end{array}$$

When I say go, copy and solve the first problem.

Attempt the others if there's time.

Repeat after me. **Ones first**~

Go~ (Support)

$$\begin{array}{r} 33 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 45 \\ \hline \end{array}$$

3, 2, 1, **Chin it!** (Click to reveal answers)

$$\begin{array}{r} 3 \ 3 \\ + \ 5 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \ 4 \\ + \ 3 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 4 \\ + \ 4 \ 5 \\ \hline \end{array}$$

3, 2, 1, **Chin it!** (Click to reveal answers)

Boards down. Check it. Wipe it.

Great job!

$$\begin{array}{r} 33 \\ + 54 \\ \hline 87 \end{array}$$

$$\begin{array}{r} 44 \\ + 31 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 24 \\ + 45 \\ \hline 69 \end{array}$$

3, 2, 1, **Chin it!** (Click to reveal answers)



When you see this symbol do you add or subtract?~



When you see this symbol do you add or subtract? ~ Subtract



When you see this symbol do you add or subtract? ~ **Subtract**

That's right minus means subtract and it's now time subtract.

$$\begin{array}{r} 78 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 37 \\ \hline \end{array}$$

When I say go, copy and solve the first problem.

Attempt the others if there's time.

Repeat after me. **Ones first**~

Go~ (Support)

$$\begin{array}{r} 78 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 37 \\ \hline \end{array}$$

3, 2, 1, **Chin it!** (Click to reveal answers)

$$\begin{array}{r} 78 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 37 \\ \hline \end{array}$$

3, 2, 1, **Chin it!** (Click to reveal answers)

Boards down. Check it. Wipe it.

Great job!

$$\begin{array}{r} 78 \\ - 18 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 21 \\ - 10 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 47 \\ - 37 \\ \hline 10 \end{array}$$

3, 2, 1, **Chin it!** (Click to reveal answers)

You are very good at adding two numbers.

You are very good at adding two numbers.
Today you will add three numbers.

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

My turn to read the problem.

(Point to the numbers as you say)

1 plus 4 plus 2

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

Read the problem with me.

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

Read the problem with me.

1 plus 4 plus 2

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

Read the problem with me^

1 plus 4 plus 2

On your own^

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

(Point to the numbers as you say)

To solve, we add the top two numbers first, then add on the third number.

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

What is 1 plus 4?~

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

What is 1 plus 4? ~ 5

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

What is 1 plus 4? ~ 5

What is 5 plus 2? ~

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$$

What is 1 plus 4? ~ 5

What is 5 plus 2? ~ 7

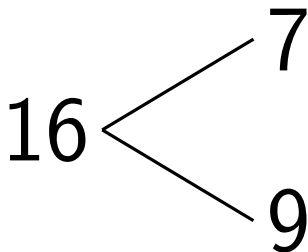
$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline 7 \end{array}$$

What is 1 plus 4?~ 5

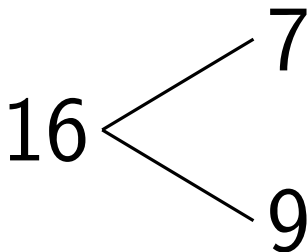
What is 5 plus 2?~ 7

(Point to the answer)

The answer is 7. What is the answer?~

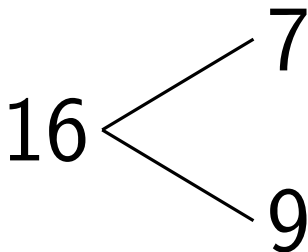


Say the addition fact that starts with the top part.
(Starting with 7, point to parts then whole)

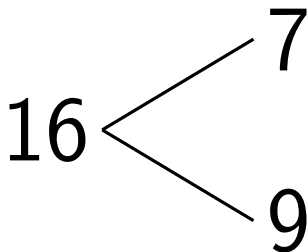


Say the addition fact that starts with the top part.
(Starting with 7, point to parts then whole)

7 plus 9 equals 16



Say the addition fact that starts with the bottom part.
(Starting with 9, point to parts then whole)

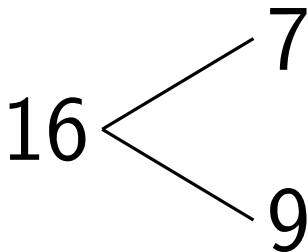


Say the addition fact that starts with the bottom part.
(Starting with 9, point to parts then whole)

9 plus 7 equals 16

Let's prepare our boards across~
(Model and Check)

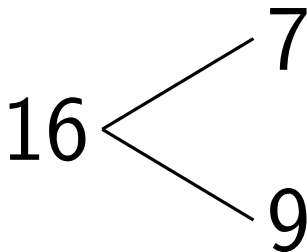




(Point to top half)

Write the fact that starts with the top part here ^

(Check)



(Point to bottom half)

Write the fact that starts with the bottom part here.

(Check)

3, 2, 1, **Chin it!** (Click to reveal answer)

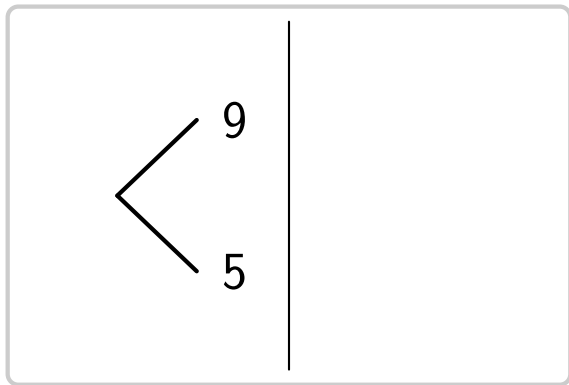
3, 2, 1, **Chin it!** (Click to reveal answer)

$$7 + 9 = 16$$

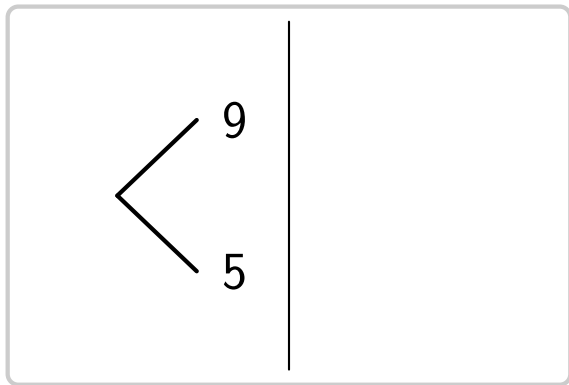
$$9 + 7 = 16$$

Boards down. Check it. Wipe it.

Sometimes in a number bond the whole is missing.
To find a missing whole we **add the parts**.
How do we find a missing whole?~

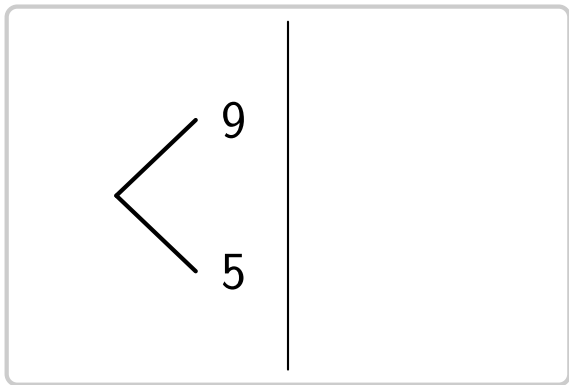


To find the missing whole, we begin by writing the problem.



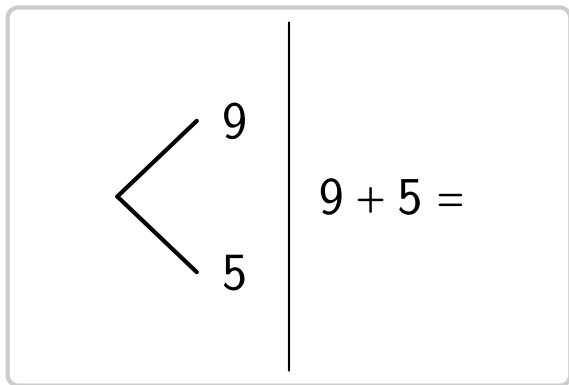
We always use the problem that starts with the top part.

Which part?~



We always use the problem that starts with the top part.

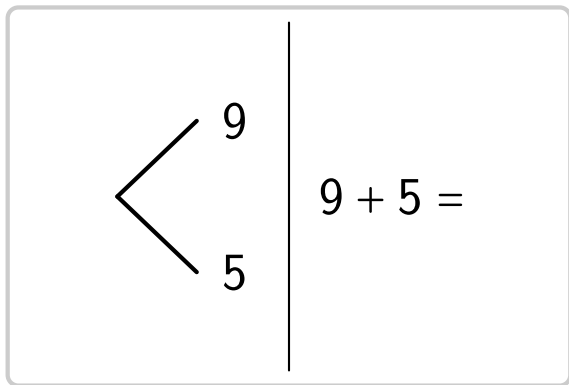
Which part?~ The top part



(Point to addition problem)

This addition problem finds the missing whole.

Read it as I point ^

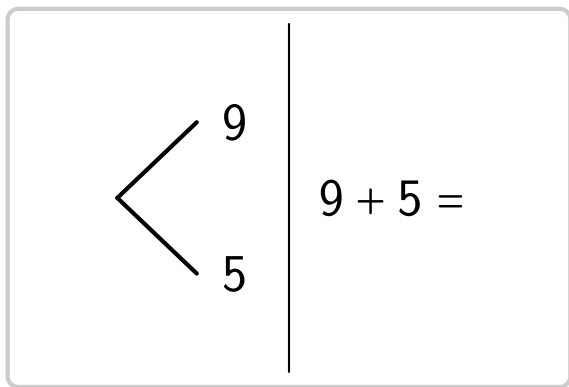


(Point to addition problem)

This addition problem finds the missing whole.

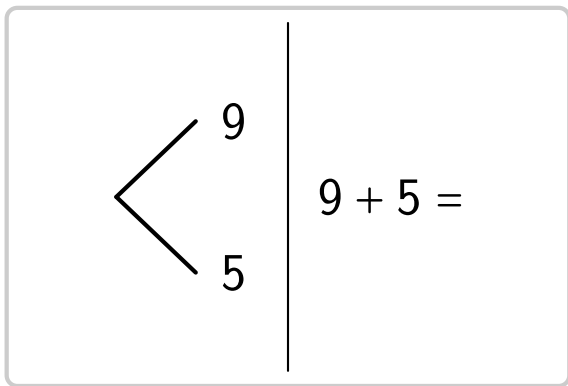
Read it as I point ^

9 plus 5 equals



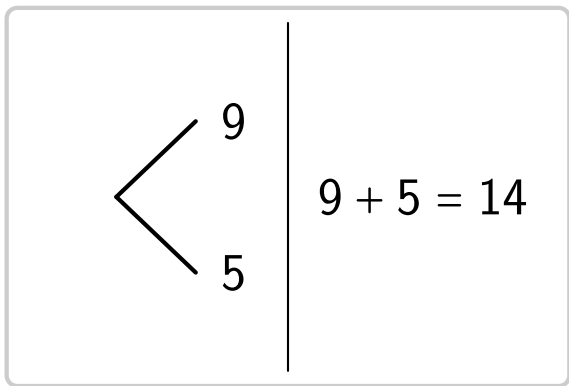
(Hand up)

What is the answer to 9 plus 5? (Pause)~



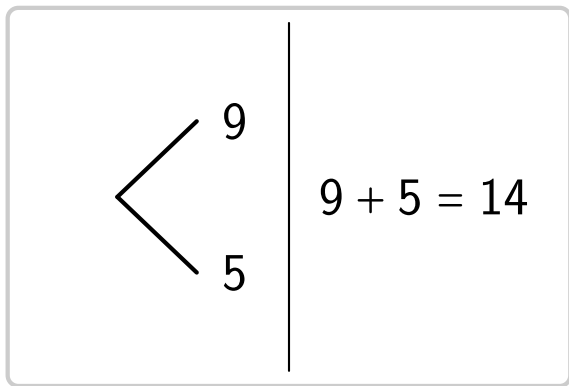
(Hand up)

What is the answer to 9 plus 5? (Pause)~ 14

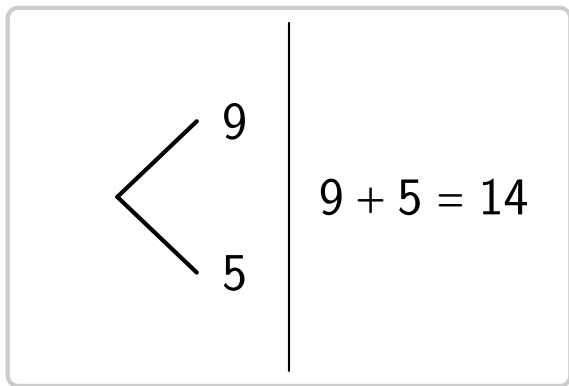


(Hand up)

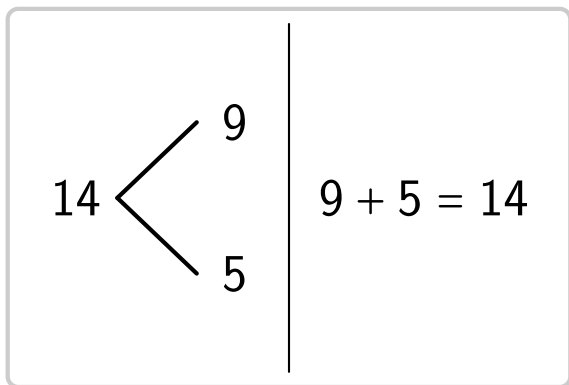
What is the answer to 9 plus 5? (Pause)~ 14



What is the missing whole?~



What is the missing whole? ~ 14



What is the missing whole? ~ 14

Yes! The (Point to whole) whole is 14.

Time for Fluency Practice.

1. Put your whiteboard away
2. Get your Student Workbook

(Click to the next slide for oral rehearsal)

Say each fact.

(Point to each value as students read)

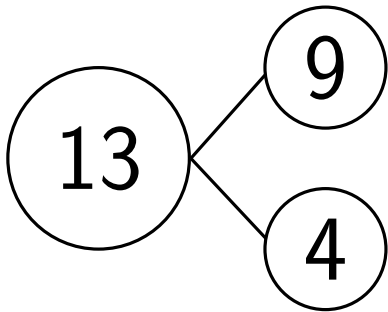
$$9 + 4 = 13$$

$$8 + 5 = 13$$

$$9 + 8 = 17$$

Number bonds help us with large fact families.

Say each fact.



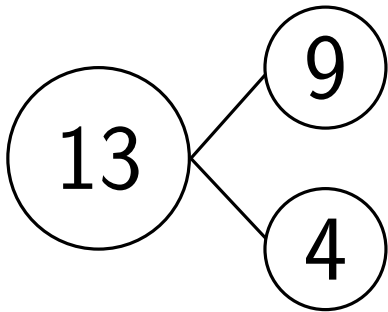
$$9 + 4 = 13$$

$$4 + 9 = 13$$

$$13 - 4 = 9$$

$$13 - 9 = 4$$

Again without the answers.
Say and complete each fact.



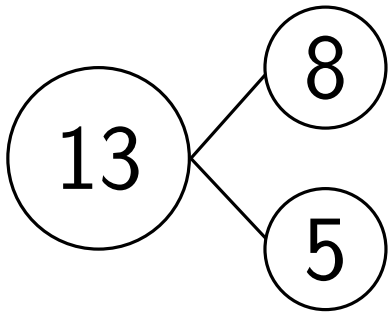
$$9 + 4 =$$

$$4 + 9 =$$

$$13 - 4 =$$

$$13 - 9 =$$

Here's a new fact family.
Say each fact.



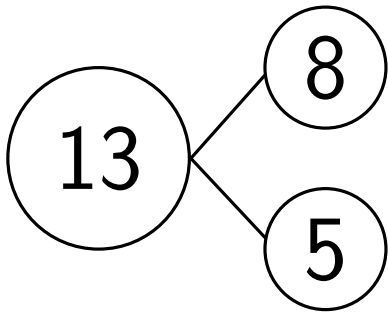
$$8 + 5 = 13$$

$$5 + 8 = 13$$

$$13 - 5 = 8$$

$$13 - 8 = 5$$

Again without the answers.
Say and complete each fact.



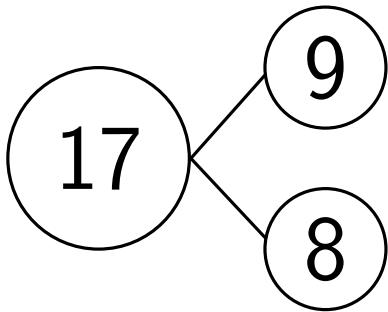
$$8 + 5 =$$

$$5 + 8 =$$

$$13 - 5 =$$

$$13 - 8 =$$

Here's a new fact family.
Say each fact.



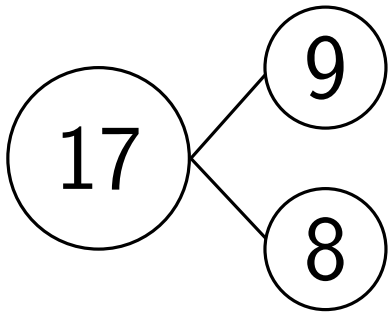
$$9 + 8 = 17$$

$$8 + 9 = 17$$

$$17 - 8 = 9$$

$$17 - 9 = 8$$

Again without the answers.
Say and complete each fact.



$$9 + 8 =$$

$$8 + 9 =$$

$$17 - 8 =$$

$$17 - 9 =$$

Say each fact.

(Point to each value as students read)

$$9 + 4 = 13$$

$$8 + 5 = 13$$

$$9 + 8 = 17$$

One last time without the answers.
Say and complete each fact.

$9 + 4 =$

$8 + 5 =$

$9 + 8 =$

(Have a timer ready, out of sight of students)

1. Open your Student Workbook to 3A – Fluency Practice.
2. When I say go, you will complete as many questions as you can in 2 minutes.
3. Up Up, **Pencils Up.**
4. Go. (Start timer)

(Observe students' work, support students to use a strategy where needed, stop them after two minutes)

Time for our lesson. Let's get ready!

(Continue with Lesson 3A from your Teacher Lesson Book)