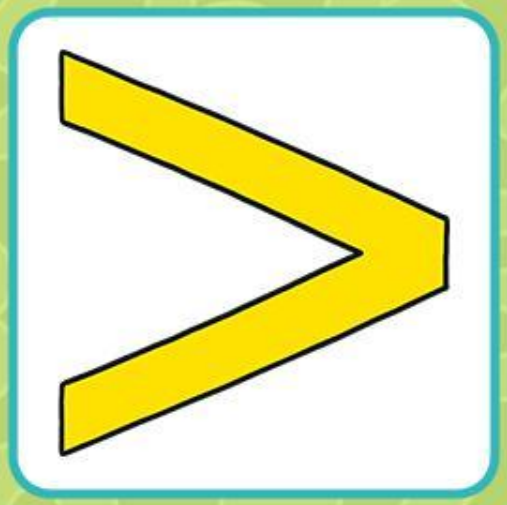
Maths

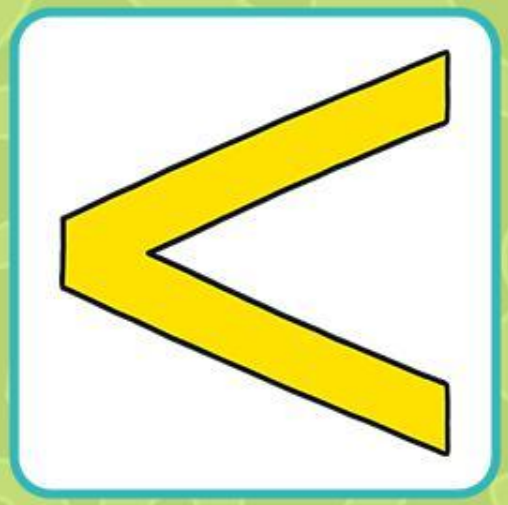
Number and Place Value

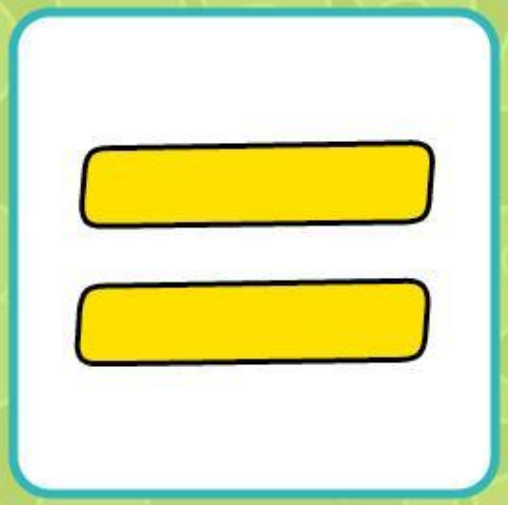
REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Greater Than, Less Than and Equal To







REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Aim

- To use symbols to compare numbers.

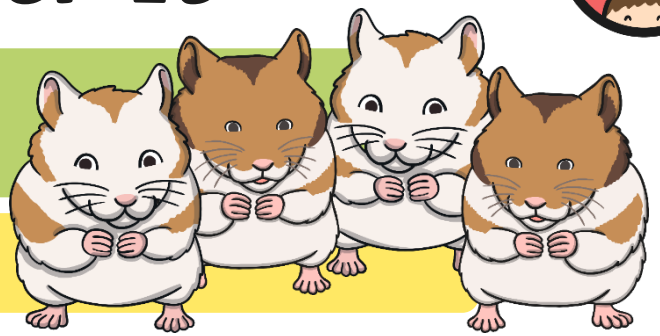
Success Criteria

- I can compare two numbers.
- I can say which number is greater.
- I can say which number is less.
- I can use <, > and =.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Remember It

The hungry hamsters always choose the greater amount.



Which amount will they choose? Why?

Plate A

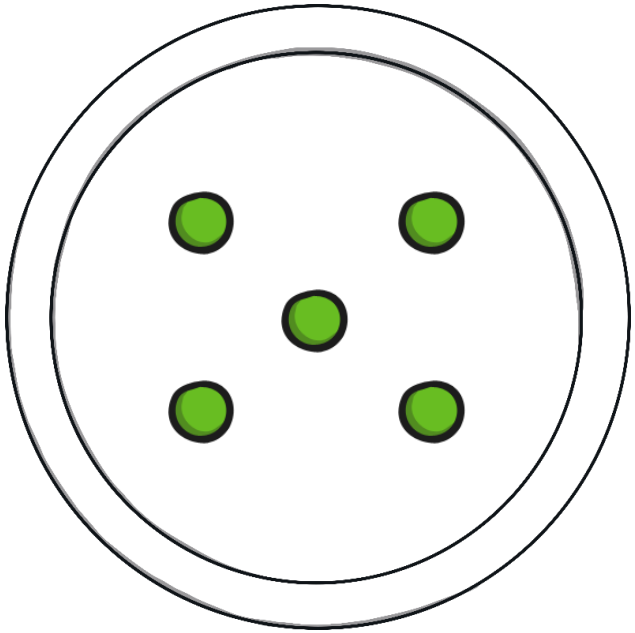
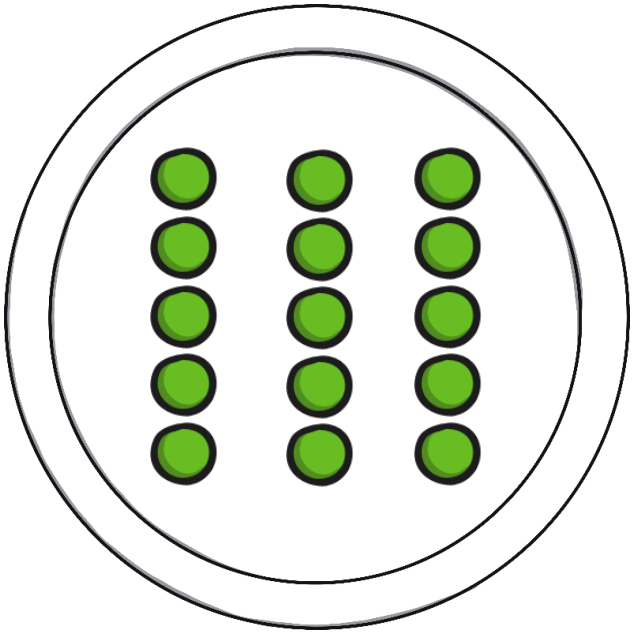


Plate B

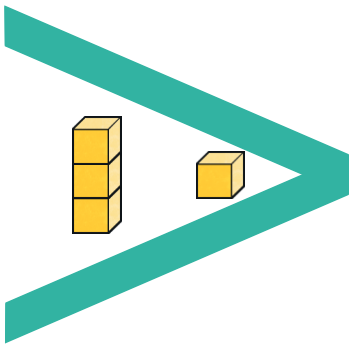


REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

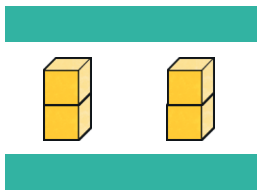
Whole Class

The greater than (>), less than (<) and equals (=) symbols help us to compare numbers, like this:



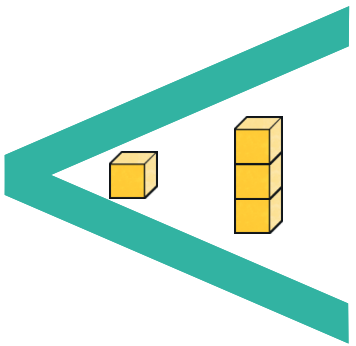
3 > 1

3 is greater than 1.



2 = 2

2 is equal to 2.



1 < 3

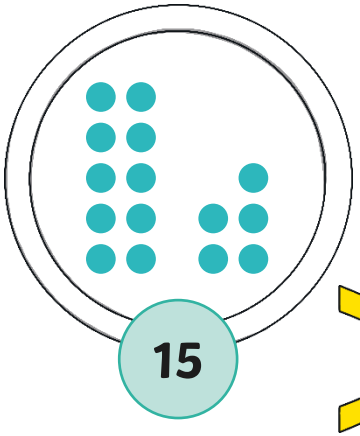
1 is less than 3.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

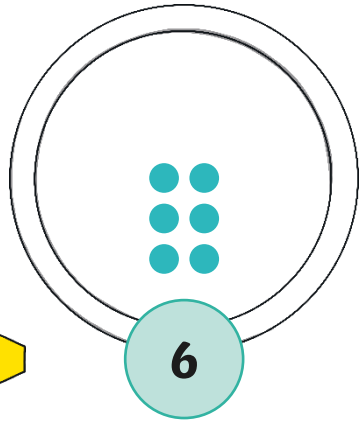
What Would the Hungry Hamsters Do?

Whole Class

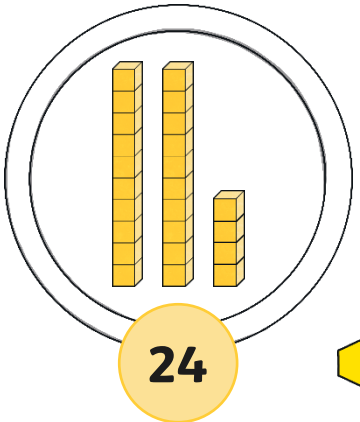
He ngry
h te
g he
pl ght.



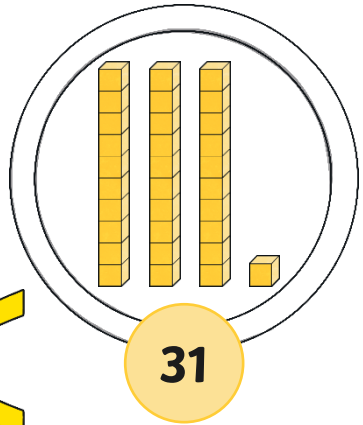
>



He gry
ha te
l
p ht.



<

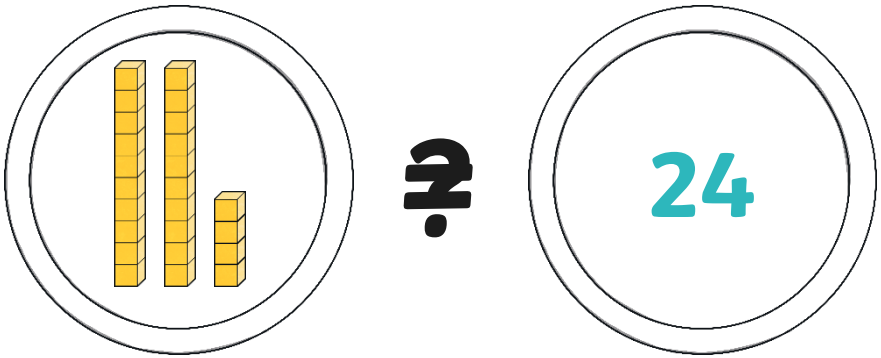


Remember, the hungry hamsters will always choose the greater amount.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

What happens if the values are the same?



The plates have the same value.

One is not greater than or less than the other.

They are equal in value.

We would say ‘is equal to’.

REGENT STUDIES
Focused education on life's walk
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

Which amount would the hungry hamsters choose?

Plate A

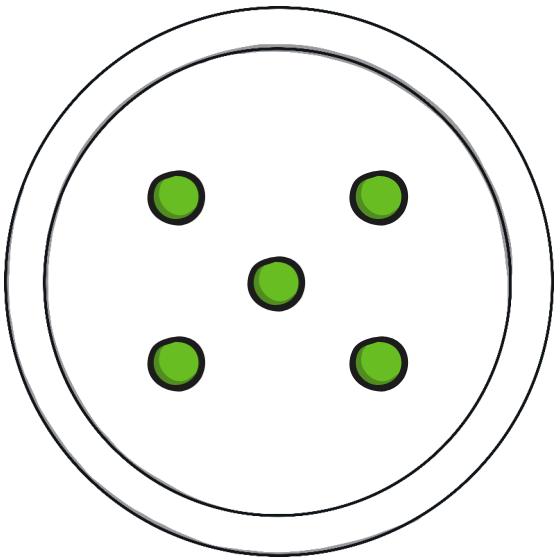
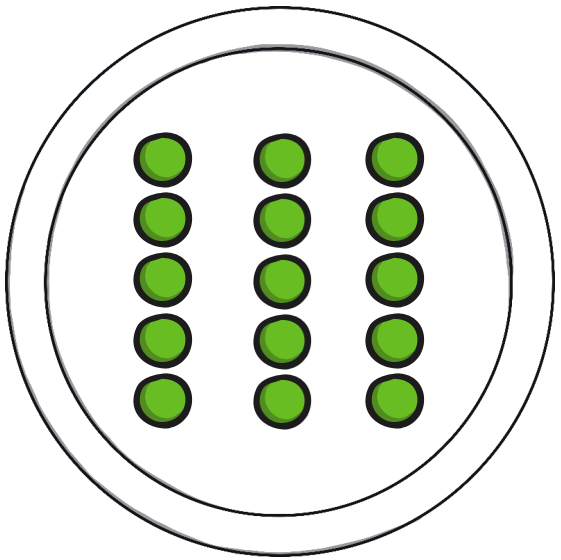


Plate B



Can you explain your answer?

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

The hungry hamsters would eat plate B.

Plate A

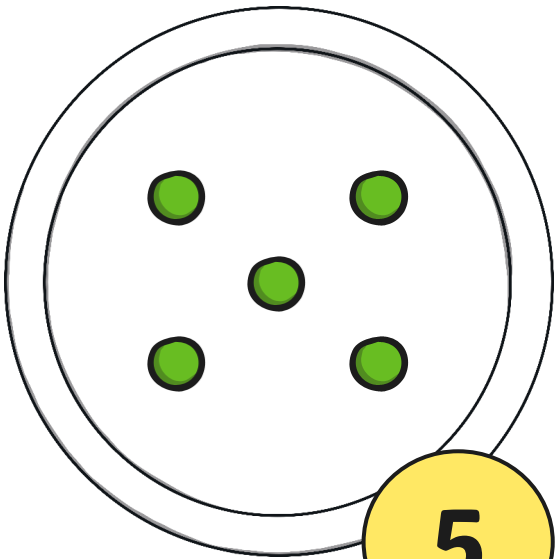
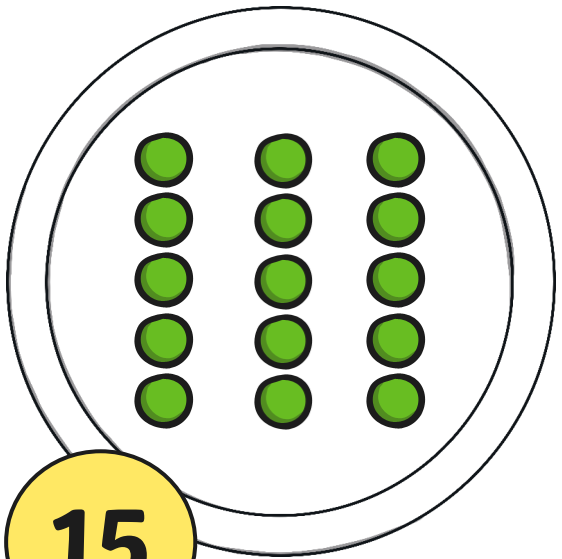


Plate B



5 < 15

5 is less than 15.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

Which amount would the hungry hamsters choose?

Plate A

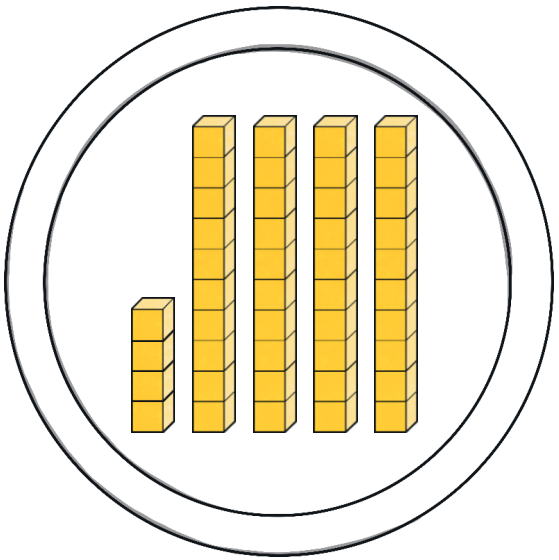
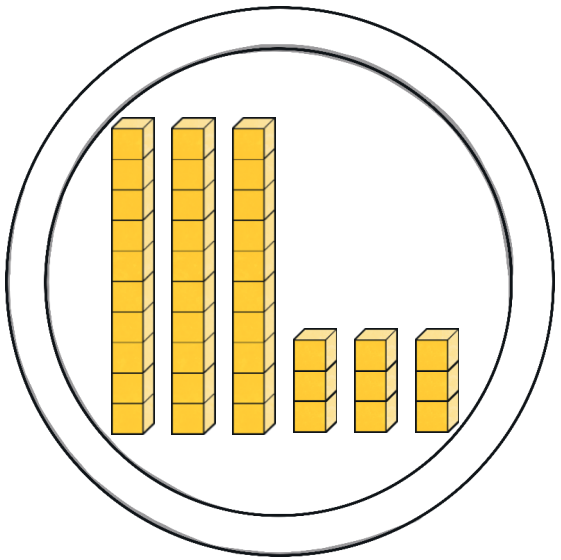


Plate B



Can you explain your answer?

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

The hungry hamsters would eat plate A.

Plate A

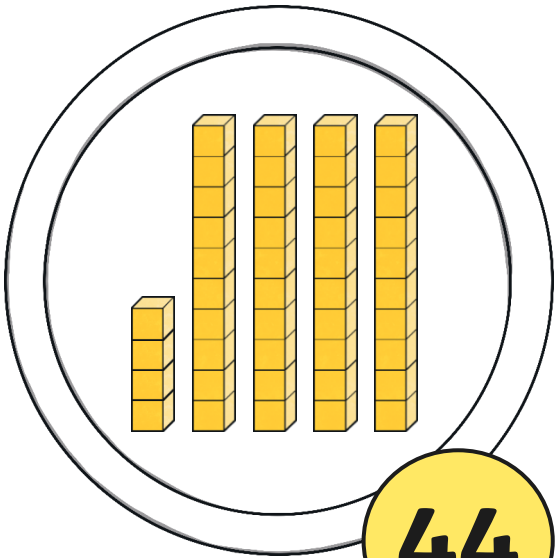
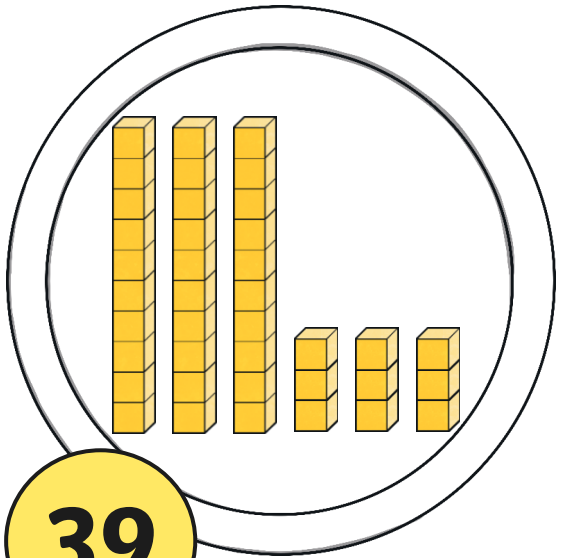


Plate B



44 > **39**

44 is greater than 39.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

Which amount would the hungry hamsters choose?

Plate A

49

Plate B

59

Prove it.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

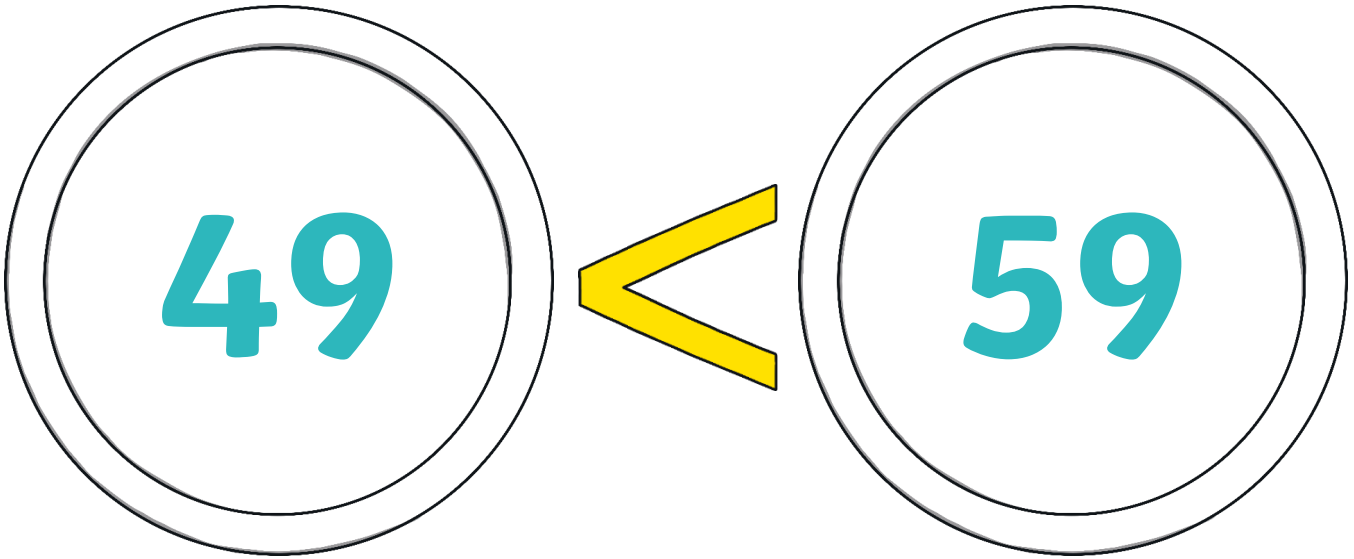
What Would the Hungry Hamsters Do?

Whole Class

The hungry hamsters would eat plate B.

Plate A

Plate B



49 is less than 59.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

Which amount would the hungry hamsters choose?

Plate A

sixty-four

Plate B

64

How do you know?

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

What Would the Hungry Hamsters Do?

Whole Class

The hungry hamsters would not choose one over the other.

Plate A

sixty-four

=

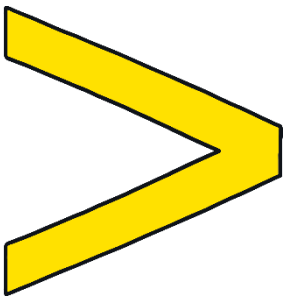
Plate B

64

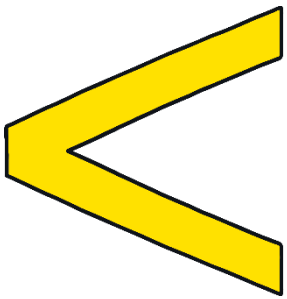
Sixty-four is equal to 64.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

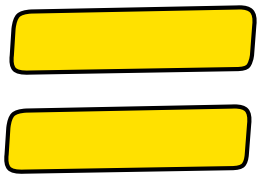
Comparing Numbers



greater than



less than



equal to

Can you use <, > or = to compare numbers?

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

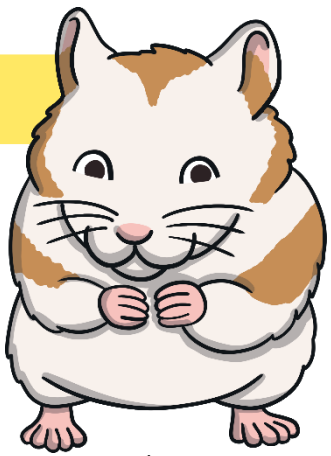
Comparing Numbers

Can you use <, > or = to compare numbers?

44 > 25

Can you say the whole sentence?

44 is greater than 25.



REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

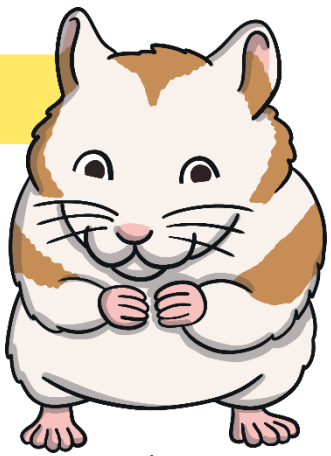
Comparing Numbers

Can you use <, > or = to compare numbers?

41 ? 65

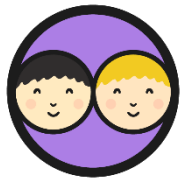
Can you say the whole sentence?

41 is less than 65.



REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Comparing Numbers



Can you use <, > or = to compare numbers?

39 ? 39

Can you say the whole sentence?

39 is equal to 39.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Comparing Numbers

Can you use <, > or = to compare the amounts?

$$20 + 4 \; \underline{\;>\;} \; 20 + 2$$

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

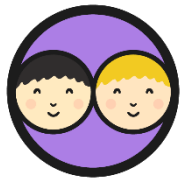
Comparing Numbers

Can you use <, > or = to compare the amounts?

30 + 3 ? 36 - 2

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Comparing Numbers

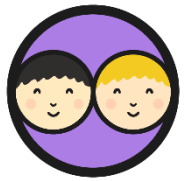


Can you use <, > or = to compare numbers?

$$50 + 10 \ \underline{\ ? \ } \ 70 - 10$$

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Comparing Cards

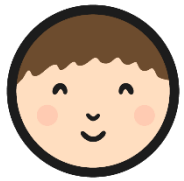


Pick two number cards, then choose the correct symbol to compare them.

12	13	9	5	1
14	15	11	7	3

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Using <, > and =



Comparing Numbers Using Symbols

To use symbols to compare numbers.

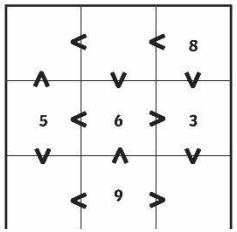
Use the symbols <, > or = to make these equations correct.

29 ___ 39	61 ___ 60	99 ___ 90
8 tens ___ 7 tens	4 tens + 2 ones ___ 3 tens + 1 one	6 tens + 1 one ___ 6 tens + 6 ones
70 ___ 6 tens	80 ___ 9 tens	80 ones ___ 80
10 + 8 ___ 20 - 2	10 + 4 ___ 10 × 4	50 - 15 ___ 20 + 14

Complete the table.

Equation	True	False
67 > 74		
5 tens + 8 ones < 5 tens + 9 ones		
70 + 18 > 60 + 20		

Fill in the missing numbers in the grid below using 1, 2, 4 and 7.



ing Numbers Using Symbols

To use symbols to compare numbers.

> or = to make these equations correct.

	66 ___ 66	91 ___ 90
ens	4 tens ___ 3 tens	6 tens ___ 9 tens
s	5 tens ___ 70	8 tens ___ 90
+ 5	10 + 3 ___ 10 × 3	30 - 5 ___ 20 + 4

	True	False

d go in the boxes below?

<		<	60
>		>	20

ing Numbers Using Symbols

To use symbols to compare numbers.

> or = to make these equations correct.

	55 ___ 65	90 ___ 90
ns	4 tens ___ 2 tens	5 tens ___ 9 tens
s	70 ___ 7 tens	8 tens ___ 90

	True	False

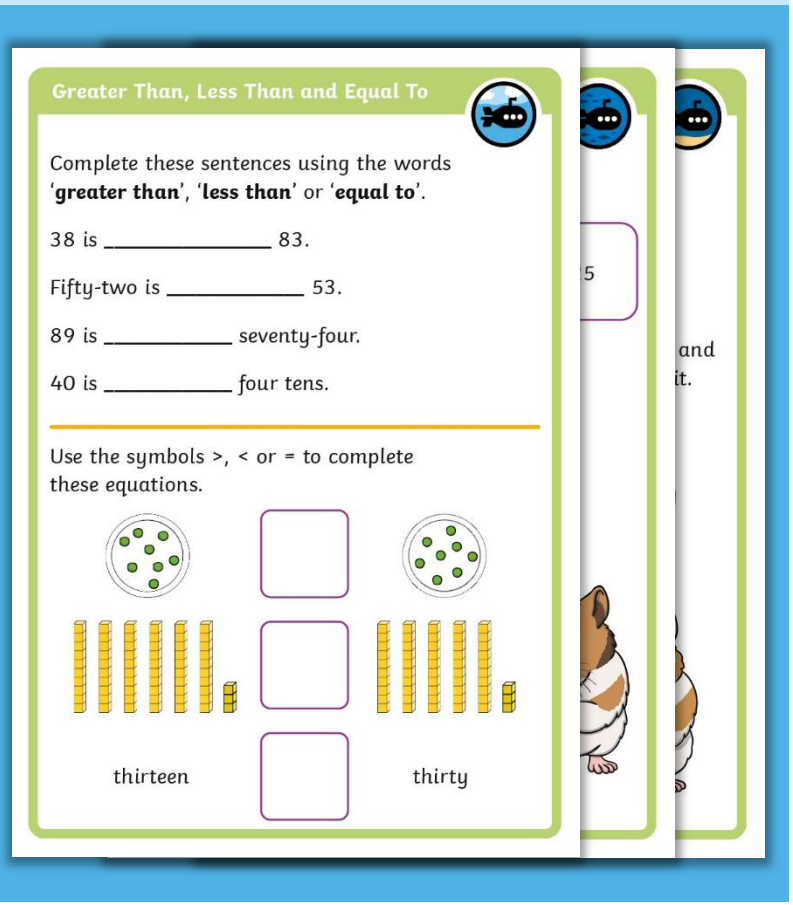
d go in the boxes below?

<	60
>	
<	
=	

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

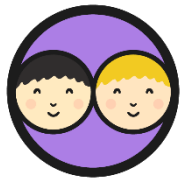
Diving into Mastery

Dive in by completing your own activity!



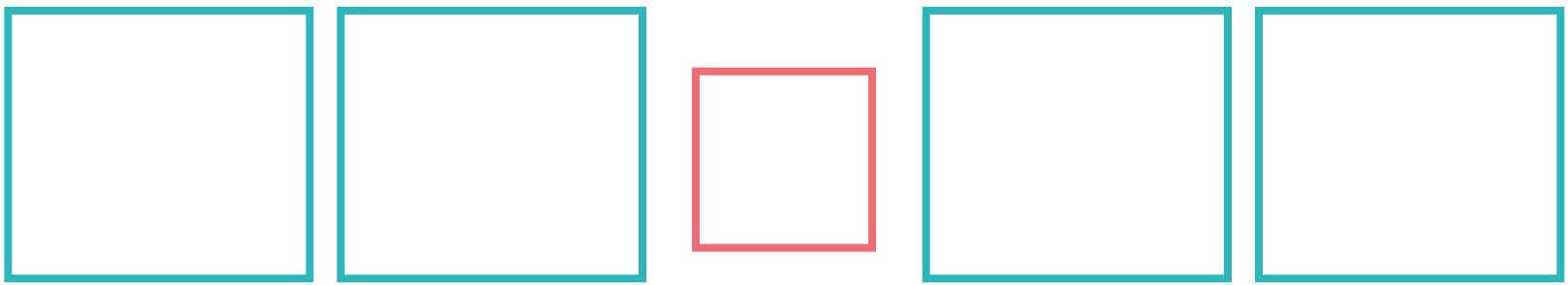
REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

Challenge Time



Use the numbers below and the symbols <, > or = to make number sentences.

How many sentences can you make?



2	3	4	5	6

<	>	=

Do you think you have found all the possibilities?

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com

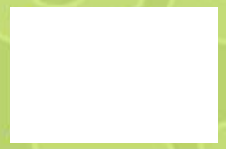
Aim

- To use symbols to compare numbers.

Success Criteria

- I can compare two numbers.
- I can say which number is greater.
- I can say which number is less.
- I can use <, > and =.

REGENT STUDIES
Focused education on life's walk!
www.regentstudies.com



REGENT STUDIES
Focused education on life's walk
www.regentstudies.com