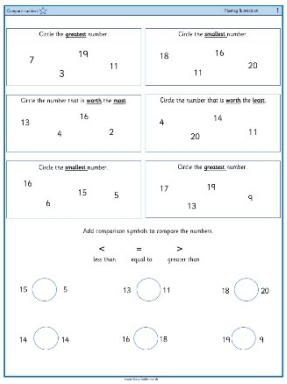
Lesson 7 – Compare Numbers

NC Objective:	Resources needed:	Vocabulary:
• Count to and across 20, forwards and backwards, from any given number • Read and write numbers from 1 to 20 in numerals and words • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Differentiated Sheets Teaching Slides Concrete equipment	compare, greater than, less than, equal to, most, least, inequality symbols, digits

Children build on comparing numbers to 10 by comparing numbers up to 20. Children are given abstract numbers written in digits and need to be encouraged to use previous learning to choose an efficient method to compare numbers, Children should still compare numbers below 10 as well as above.

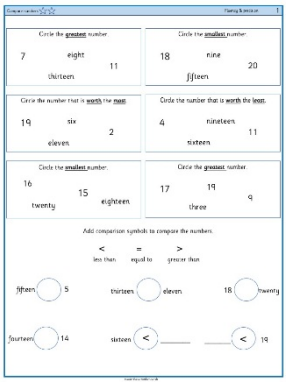
Key Questions: What happens to the signs when you swap the numbers around? What does compare mean? What language will you use when comparing? Will zero always be the smallest number when comparing? What numbers are you comparing? Which number is the largest/greatest? How do you know? Which number is the smallest? How do you know? Which symbol can you use in your statement?

★ Working Towards



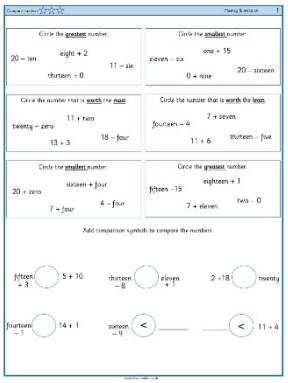
On this sheet, children find the greatest and least number only from numbers represented as digits. They compare numbers in digits.

★★ Working Within



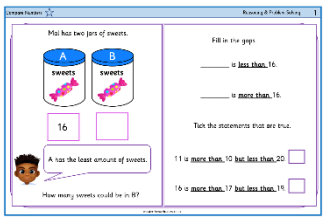
On this sheet, children find the greatest and least number from numbers represented as digits and words. They compare numbers in digits and words and fill in missing numbers to make the comparison symbol sentence correct.

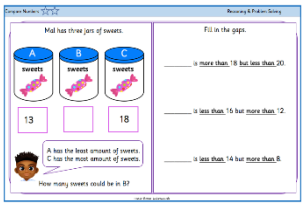
★★★ Greater Depth

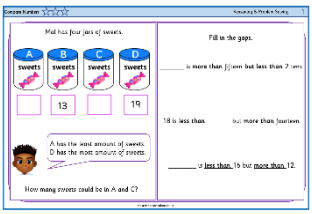


Children on this sheet have a secure knowledge of comparing numbers to 20. To continue their fluency, they find totals with calculations that have been mixed with numbers represented as words and digits.

Reasoning & Problem Solving







Circle the **greatest** number.

7 19 11 3

Circle the **smallest** number.

18 16 20 11

Circle the number that is **worth** the **most**.

13 16 4 2

Circle the number that is **worth** the **least**.

4 14 11 20

Circle the **smallest** number.

16 15 5 6

Circle the **greatest** number.

17 19 9 13

Add comparison symbols to compare the numbers.

< less than = equal to > greater than

15 ◯ 5 13 ◯ 11 18 ◯ 20

14 ◯ 14 16 ◯ 18 19 ◯ 9

Circle the **greatest** number.

7 19 11 3

Circle the **smallest** number.

18 16 20 11

Circle the number that is **worth** the **most**.

13 16 4 2

Circle the number that is **worth** the **least**.

4 14 20 11

Circle the **smallest** number.

16 15 5 6

Circle the **greatest** number.

17 19 9 13

Add comparison symbols to compare the numbers.

< less than = equal to > greater than

15 > 5 13 > 11 18 < 20

14 = 14 16 < 18 19 > 9

Circle the **greatest** number.

7 eight 11 thirteen

Circle the **smallest** number.

18 nine 20 fifteen

Circle the number that is **worth** the **most**.

19 six 2 eleven

Circle the number that is **worth** the **least**.

4 nineteen 11 sixteen

Circle the **smallest** number.

16 15 twenty eighteen

Circle the **greatest** number.

17 19 9 three

Add comparison symbols to compare the numbers.

< less than = equal to > greater than

Fifteen ◯ 5

Thirteen ◯ Eleven

18 ◯ Twenty

Fourteen ◯ 14

Sixteen < _____ _____ < 19

Circle the **greatest** number.

7 eight 11 thirteen

Circle the **smallest** number.

18 nine 20 fifteen

Circle the number that is **worth** the **most**.

19 six 2 eleven

Circle the number that is **worth** the **least**.

4 nineteen 11 sixteen

Circle the **smallest** number.

16 15 twenty eighteen

Circle the **greatest** number.

17 19 9 three

Add comparison symbols to compare the numbers.

< less than = equal to > greater than

Fifteen > 5

Thirteen > Eleven

18 < Twenty

Fourteen = 14

sixteen < 17-20

0-18 < 19

Circle the **greatest** number.

20 – ten

eight + 2

11 – six

thirteen + 0

Circle the **smallest** number.

one + 15

eleven – six

20 – sixteen

0 + nine

Circle the number that is **worth** the **most**.

11 + two

twenty – zero

18 – four

13 + 3

Circle the number that is **worth** the **least**.

7 + seven

fourteen – 4

thirteen – five

11 + 6

Circle the **smallest** number.

sixteen + four

20 + zero

4 – four

7 + four

Circle the **greatest** number.

eighteen + 1

fifteen –15

two – 0

7 + eleven

Add comparison symbols to compare the numbers.

Fifteen + 3 ◯ 5 + 10

Thirteen – 8 ◯ Eleven + 1

2 +18 ◯ Twenty

Fourteen – 1 ◯ 14 + 1

Sixteen – 9 < _____ _____ < 11 + 4

Circle the **greatest** number.

20 – ten

eight + 2

11 – six

(thirteen + 0)

Circle the **smallest** number.

one + 15

eleven – six

(20 – sixteen)

0 + nine

Circle the number that is **worth** the **most**.

(twenty – zero)

11 + two

18 – four

13 + 3

Circle the number that is **worth** the **least**.

7 + seven

fourteen – 4

(thirteen – five)

11 + 6

Circle the **smallest** number.

sixteen + four

20 + zero

(4 – four)

7 + four

Circle the **greatest** number.

(eighteen + 1)

fifteen –15

two – 0

7 + eleven

Add comparison symbols to compare the numbers.

Fifteen + 3 (>) 5 + 10

Thirteen – 8 (<) Eleven + 1

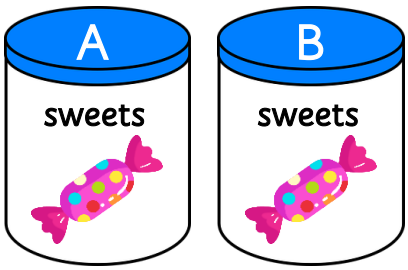
2 +18 (=) Twenty

Fourteen – 1 (<) 14 + 1

sixteen – 9 (<) 8-20

0-14 (<) 11 + 4

Mal has two jars of sweets.



16	

A has the least amount of sweets.

How many sweets could be in B?

Fill in the gaps.

_____ is **less than** 16.

_____ is **more than** 16.

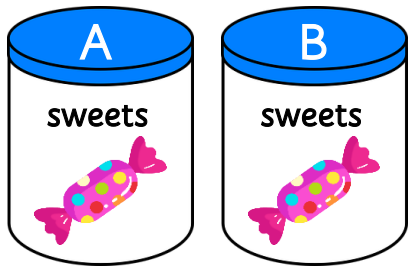
Tick the statements that are true.

11 is **more than** 10 **but less than** 20. ☐

16 is **more than** 17 **but less than** 19. ☐

Compare Numbers ☆ Reasoning & Problem Solving 1

Mal has two jars of sweets.



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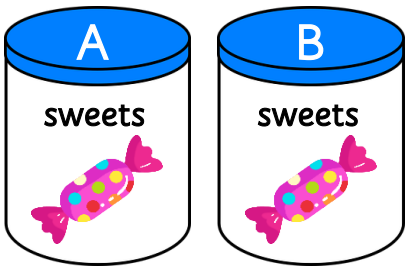

16	17 - 20

A has the least amount of sweets.

How many sweets could be in B?

Fill in the gaps.

0 - 15 is **less than** 16.

17 - 20 is **more than** 16.

Tick the statements that are true.

11 is **more than** 10 **but less than** 20. ✓

16 is **more than** 17 **but less than** 19. ☐

Compare Numbers ☆ Answers Reasoning & Problem Solving 1

Mal has two jars of sweets.

A sweets B sweets

16 | 17 - 20

A has the least amount of sweets.

How many sweets could be in B?

Fill in the gaps.

0 - 15 is less than 16.

17 - 20 is more than 16.

Tick the statements that are true.

11 is more than 10 but less than 20. ✓

16 is more than 17 but less than 19. ☐

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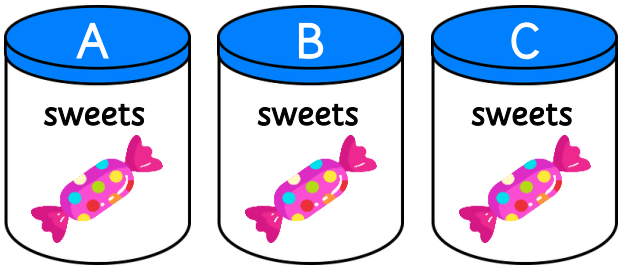
Mal has three jars of sweets.



13		18

A has the least amount of sweets.
C has the most amount of sweets.

How many sweets could be in B?

Fill in the gaps.

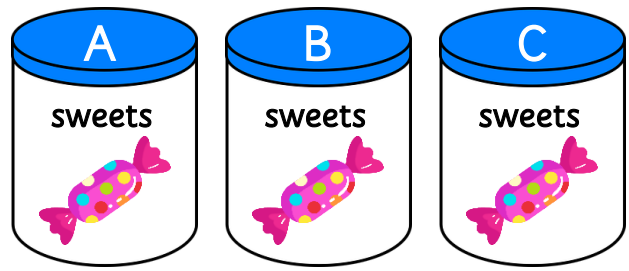
_____ is **more than** 18 **but less than** 20.

_____ is **less than** 16 but **more than** 12.

_____ is **less than** 14 but **more than** 8.

Compare Numbers ☆☆ Reasoning & Problem Solving 1

Mal has three jars of sweets.



13		18

A has the least amount of sweets.
C has the most amount of sweets.

How many sweets could be in B?

Fill in the gaps.

_____ is **more than** 18 **but less than** 20.

_____ is **less than** 16 but **more than** 12.

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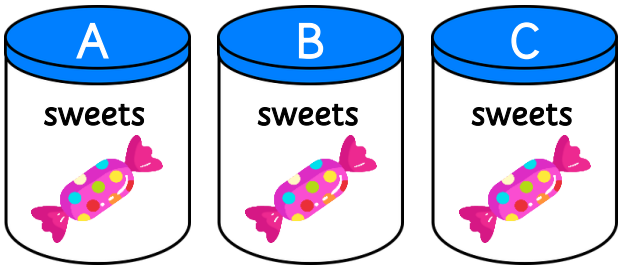
Mal has three jars of sweets.



A	B	C
13	14 - 17	18

A has the least amount of sweets.
C has the most amount of sweets.

How many sweets could be in B?

Fill in the gaps.

19 is **more than** 18 **but less than** 20.

13 - 15 is **less than** 16 but **more than** 12.

9 - 13 is **less than** 14 but **more than** 8.

Compare Numbers ☆☆ Answers Reasoning & Problem Solving 1

Mal has three jars of sweets.

A sweets B sweets C sweets

A	B	C
13	14 - 17	18

A has the least amount of sweets.
C has the most amount of sweets.

How many sweets could be in B?

Fill in the gaps.

19 is more than 18 but less than 20.

13 - 15 is less than 16 but more than 12.

9 - 13 is less than 14 but more than 8.

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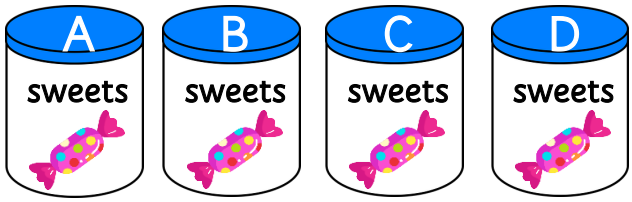
Mal has four jars of sweets.



	13		19

A has the least amount of sweets.
D has the most amount of sweets.

How many sweets could be in A and C?

Fill in the gaps.

_____ is **more than** fifteen **but less than** 2 tens.

18 is **less than** _____ but **more than** fourteen.

_____ is **less than** 16 but **more than** 12.

Compare Numbers ☆☆☆ Reasoning & Problem Solving 1

Mal has four jars of sweets.

A sweets B sweets C sweets D sweets

	13		19

A has the least amount of sweets.
D has the most amount of sweets.

How many sweets could be in A and C?

Fill in the gaps.

_____ is **more than** fifteen **but less than** 2 tens.

18 is **less than** _____ but **more than** fourteen.

_____ is **less than** 16 but **more than** 12.

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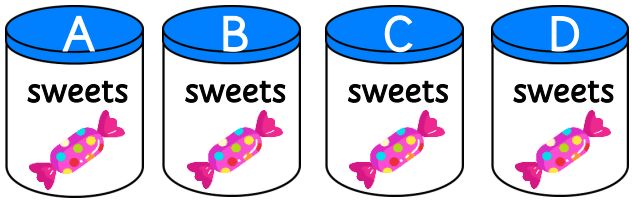
Mal has four jars of sweets.



A	B	C	D
0 - 12	13	14-18	19

A has the least amount of sweets.
D has the most amount of sweets.

How many sweets could be in A and C?

Fill in the gaps.

16 - 19 is **more than** fifteen **but less than** 2 tens.

18 is **less than** 19/20 but **more than** fourteen.

13 - 15 is **less than** 16 but **more than** 12.

Compare Numbers ☆☆☆ Answers Reasoning & Problem Solving 1

Mal has four jars of sweets.

A sweets | B sweets | C sweets | D sweets

A	B	C	D
0 - 12	13	14-18	19

A has the least amount of sweets.
D has the most amount of sweets.

How many sweets could be in A and C?

Fill in the gaps.

16 - 19 is **more than** fifteen **but less than** 2 tens.

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