

Review and Feedback

No Calculate

Q1) a) $5 + -2$

b) $(-7) + 2$

 You can add negative numbers

Name: _____

c) $-3 + -2$

d) $(-9) + 2 - 3$

Name: _____

Q2) Calculate:

(a) -5×3

(b) -4×-5

(c) 7×-3

(d) -4.5×2

CHG

 You can multiply negative numbers

Complete the statements using $>$ or $<$

Q3)

-2°C -6°C

-6°C 4°C

-9°C 0°C

-26°C -24°C

15°C -115°C

-6°C -6.2°C







Q3b)

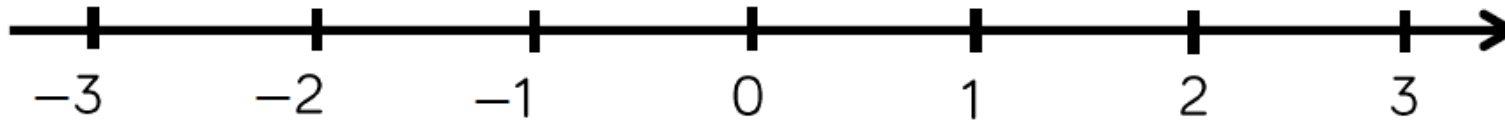
$9^0 =$

$-9^0 =$

You can compare negative numbers & power of 0

Q4 Use the number line to help you put these numbers in ascending order.

 $\frac{1}{4}$  -1.5  $-\frac{1}{4}$  $-1\frac{3}{4}$  -1  2.5



You can compare negative numbers on number lines

Q5)

- The temperature in Moscow is -3°C at 8am. By 2pm the temperature has gone up by 10°C . What is the temperature at 2pm?
- The temperature in Cardiff is 4°C at 4pm. At 8pm, the temperature has dropped by 5°C . What is the temperature at 8pm?
- The temperature in Paris is 2°C at 3pm. At 3am the temperature is -3°C . What is the temperature difference?



You can solve negative numbers problems.

Q6) (a) Find the mode: _____

2.3 , 7.1, 3.8, 1.3, 7.1 ,2.3, 3.8

(b) Find the mode: _____

- 4, -3, -1, -7, -4, -3, 7, 0

(c) Find the mode: _____

4, 4, 4, 4, 5, 5, 5, 5

You understand mode

(d)

Age	Frequency
2	8
3	8
4	10
5	8

Mode = 8

True / False

(e) What is the mode age? _____

Age	Frequency
1	8
2	8
3	10
4	8

Q7)

(a) Here is a list of numbers.

12 15 14 17 22 19 13

Work out the range of the numbers in the list.

(b) Here is a list of numbers.

-12 5 8 -3 6 5 7

Work out the range of the numbers in the list.

You understand range

(c) The frequency table shows the piano grade of 17 students in a class.

(a) What is the mode? _____

(b) What is the range? _____

Grade	Frequency
2	3
3	3
4	4
5	3
6	2
7	2

Here are 8 cards.

Q8)

There is a number on each of six cards.
Two cards are blank.



Uzma wants the mode of the numbers to be 5.
She wants the range of the numbers to be 9.

Find the numbers that she should write on the two blank cards.

You can solve missing number problem for mode and range.

Teacher's comment

ATL Grade:

Review and Feedback

No Calculate

Q1) a) $5 + -2 = \underline{\underline{+3}}$

b) $(-7) + 2 = \underline{\underline{-5}}$

You can add negative numbers

Name: _____

CHG

914

c) $-3 + -2 = \underline{\underline{-5}}$ **ANSWER**

d) $(-9) + 2 - 3 = \underline{\underline{-10}}$

Name: _____

Q2) Calculate:

$$(a) \quad -5 \times 3 = -15$$

$$(b) \quad -4 \times -5$$

$$\underline{\underline{+20}}$$

$$(c) \quad 7 \times -3$$

$$= -3 \times 7 = \underline{\underline{-21}}$$

$$(d) \quad -4.5 \times 2$$

$$= \underline{\underline{-9}}$$

CHG

ANSWER

 You can multiply negative numbers

Complete the statements using $>$ or $<$

Q3)

$-2^{\circ}\text{C} > -6^{\circ}\text{C}$

$-6^{\circ}\text{C} < 4^{\circ}\text{C}$

$-9^{\circ}\text{C} < 0^{\circ}\text{C}$

$-26^{\circ}\text{C} < -24^{\circ}\text{C}$

$15^{\circ}\text{C} > -115^{\circ}\text{C}$

$-6^{\circ}\text{C} > -6.2^{\circ}\text{C}$

ANSWER

Q3b)

$9^0 = 1$

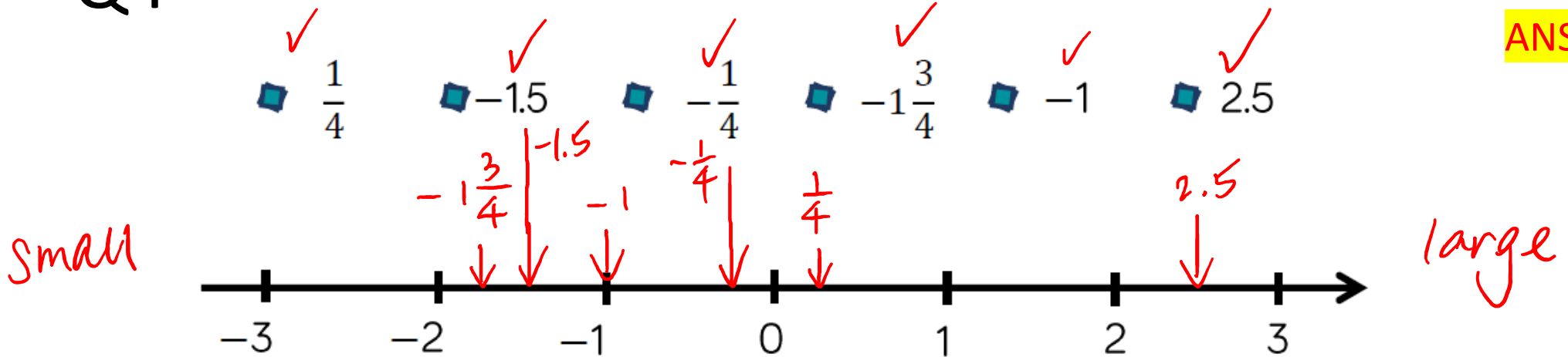
$-9^0 = -1$

You can compare negative numbers & power of 0

Q4

Use the number line to help you put these numbers in ascending order.

Small to large



ANSWER

$-1\frac{3}{4}$, -1.5 , -1 , $-\frac{1}{4}$, $\frac{1}{4}$, 2.5



You can compare negative numbers on number lines

Q5)

- The temperature in Moscow is -3°C at 8am. By 2pm the temperature has gone up by 10°C . What is the temperature at 2pm?

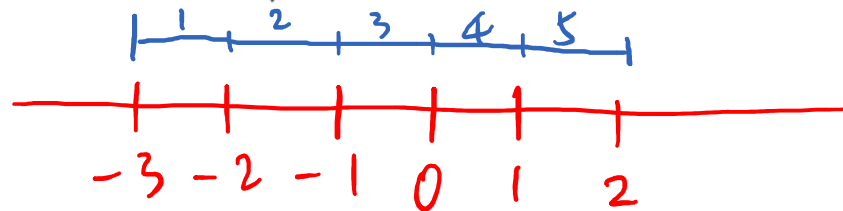
$$-3 + 10 = 7^{\circ}\text{C}$$

ANSWER

- The temperature in Cardiff is 4°C at 4pm. At 8pm, the temperature has dropped by 5°C . What is the temperature at 8pm?

$$4 - 5 = -1^{\circ}\text{C}$$

- The temperature in Paris is 2°C at 3pm. At 3am the temperature is -3°C . What is the temperature difference?



Difference is
 5°C

You can solve negative numbers problems.

Q6) (a) Find the mode: 2.3, 3.8, 7.1

2.3, 7.1, 3.8, 1.3, 7.1, 2.3, 3.8

(b) Find the mode: -3 & -4

-4, -3, -1, -7, -4, -3, 7, 0

(c) Find the mode: No mode

4, 4, 4, 4, 5, 5, 5, 5

You understand mode

(d)

Age	Frequency
2	8
3	8
4	10
5	8

Mode = 8

True / False

ANSWER

(e) What is the mode age? 3

Age	Frequency
1	8
2	8
3	10
4	8

Q7)

$$22 - 12 = \underline{\underline{10}}$$

(a) Here is a list of numbers.

12 15 14 17 22 19 13

Work out the range of the numbers in the list.

$$8 - -12 = \underline{\underline{20}}$$

(b) Here is a list of numbers.

-12 5 8 -3 6 5 7

Work out the range of the numbers in the list.

You understand range

ANSWER

(c) The frequency table shows the piano grade of 17 students in a class.

(a) What is the mode? 4

(b) What is the range? 7 - 2 = 5

Grade	Frequency
2	3
3	3
mode 4	4
5	3
6	2
7	2

Here are 8 cards.

Q8)

There is a number on each of six cards.
Two cards are blank.



ANSWER

Uzma wants the mode of the numbers to be 5.
She wants the range of the numbers to be 9.

Find the numbers that she should write on the two blank cards.

You can solve missing number problem for mode and range.

Teacher's comment

ATL Grade: