

Worksheet

Name: _____

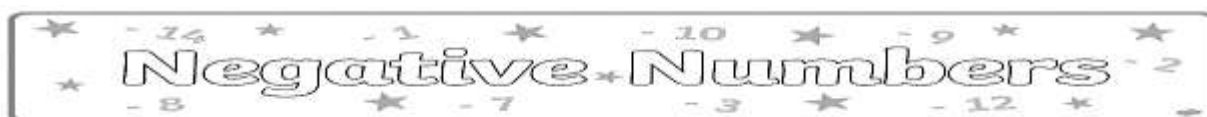
Subject: _____

Worksheet (3)

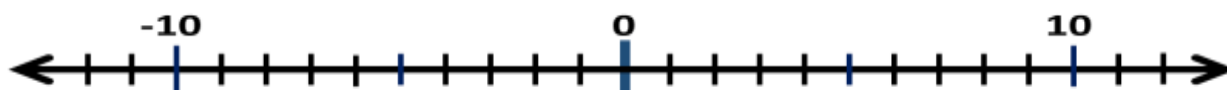
Class: _____

Grade 3 (a, b, c)

Date: _____



1) Label the numbers below on the number line.



a) 1

b) -1

c) -5

d) -9

e) 3

f) -3

2) Find the answers of the following using the number line.

5 less than 1.



Answer = _____

9 less than 3.



Answer = _____

10 less than 8.



Answer = _____

12 less than 3.



Answer = _____

3) Here are some temperatures.

4 °C -3 °C 5 °C 0 °C -2 °C

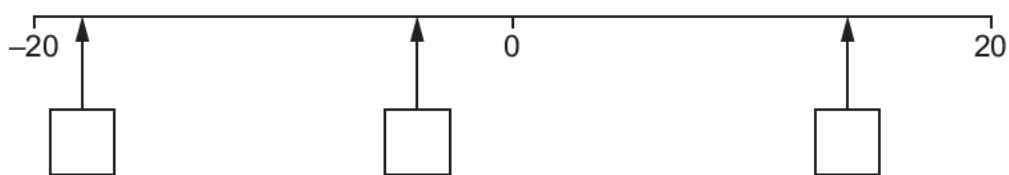
a) Which is the warmest temperature? _____

b) Which is the coldest temperature? _____

4) The temperature is 0°C. It falls by 8 degrees. What is the temperature now? _____

5) The temperature is 0°C. It rises by 6 degrees. What is the temperature now? _____

6) Here is a number line.



Here are three.

-4

14

-18

Write these numbers in the correct boxes on the number line.

7) Order the following temperatures from smallest to largest (coldest to warmest)

a) -7 , 8 , 7 , -2 , 0 _____

b) 13 , -1 , 5 , -5 , -14 _____

8) Compare each pair of numbers using $<$, $>$ or $=$.

(a) -2 1

(b) 0 -4

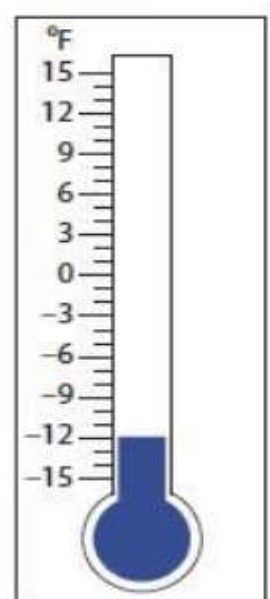
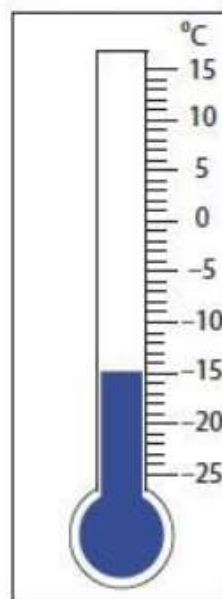
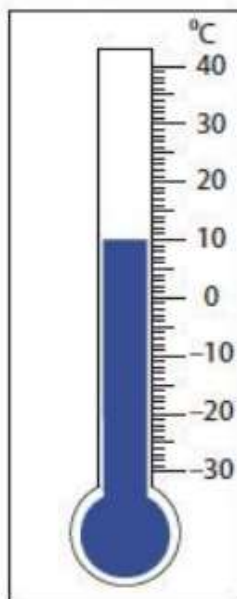
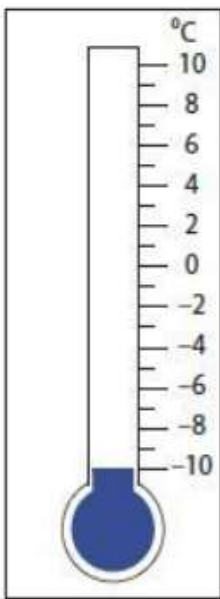
(c) 5 -5

(d) -3 4

(e) -13 -31

(f) 1 -11

9) Read the following thermometers, then answer the following questions.



a) Which temperature is the coldest? _____

b) Order the temperatures from greatest to lowest.

COUNTING AND SEQUENCES

1) Fill in the missing numbers in the following patterns

1) Count on by 100s.

308		508			808		
-----	--	-----	--	--	-----	--	--

2) Count back by 2s

	68		64	62			
--	----	--	----	----	--	--	--

3) Count on by 10s

	84			114	124		
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4) Count on by 5s

	43	48		58			73
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5) Count back by 100s

1066	966		766				366
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6) Count back by 1s

	115			112			
--	-----	--	--	-----	--	--	--

7) Count on by 2s

	95	97			103		
--	----	----	--	--	-----	--	--

8) Count back by 10s

	180		160			130	
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2) Each of these number sequences goes down in equal steps. Work out the missing numbers.

a)

3	2						
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b)

5	3						
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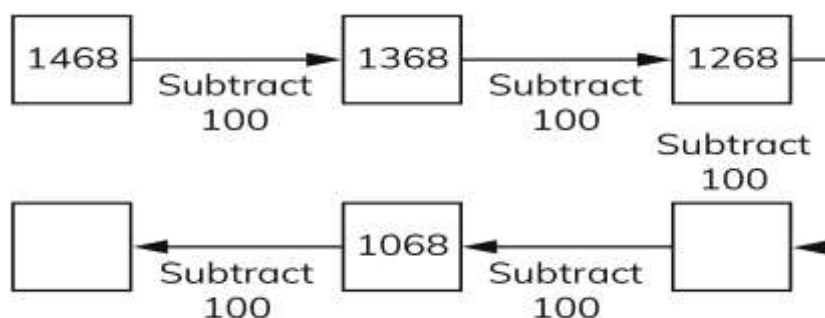
c)

20	15						
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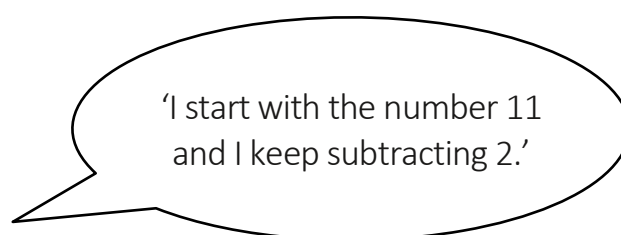
d)

25	15						
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3) Fill in the empty boxes in this sequence.



4) Leo makes a number pattern and describes it to his friend, Ben. Leo says:



Ben writes down the first four numbers in the sequence correctly.

Circle the sequence that Ben writes.

11, 10, 8, 6

11, 13, 15, 17

11, 9, 7, 5

11, 10, 9, 8

5) Sanjiv makes a sequence of numbers starting with 100.

He subtracts 15 each time.

Write in the next two numbers in the sequence.

100, 85, 70, 55, 40, 25, ,

6) A sequence starts at 16.

3 is subtracted each time.

What is the first number in the sequence that is less than zero?

7) Look at the sequence and circle true or false.

12, 10, 8, 6, 4, 2, 0, -2, -4, -6

This is a non-linear sequence. True False

In this sequence, 2 is added each time. True False

The lowest number in this sequence is -6. True False

The second highest number in this sequence is 10. True False

All the numbers are multiples of 3. True False

Good luck

Math Department