Greek Orthodox Patriarchate School
International - Fuhies

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Worksheet

Name:		Subject:	**Worksheet (3)**
Class:	**Grade 3 (a, b, c)**	Date:	

1) a) Round the following numbers to the nearest 10.

45 982 → _____

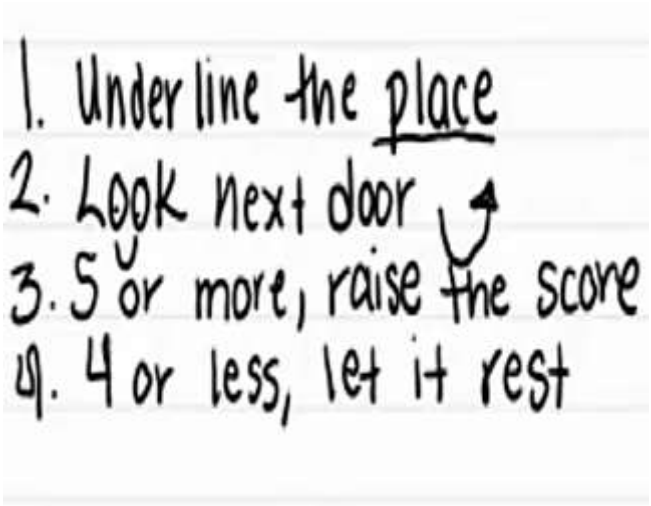
128 342 → _____

53 812 → _____

176 235 → _____

298 009 → _____

53 828 → _____



b) Which one of the above rounded numbers is the largest number? _____

c) Write the smallest rounded number in word form.

_____

2) a) Round the following numbers to the nearest 100.

28 519 → _____

228 356 → _____

987 288 → _____

600 988 → _____

28 128 → _____

b) order the rounded numbers in question (a) in ascending order. (smallest to greatest)

_____ _____ _____ _____ _____

c) Decompose the largest rounded number. (expanded form)

_____

3) The river Nile is 6853 km long.

What is this length rounded to the nearest thousand kilometers? _____

4) Emma counted about 2,500 stickers in her sticker collection. She rounded to the nearest hundred.

- Smallest possible number: _____

- Largest possible number: _____

5) Round the following numbers to the nearest 1000.

789 563 → _____

66 025 → _____

33 288 → _____

667 898 → _____

554 128 → _____

6) Round these following numbers.

- 508 029 = _____ to the nearest 1000.
- 89 112 = _____ to the nearest 10 000.
- 780 762 = _____ to the nearest 100 000.
- 989 790 = _____ to the nearest 10.
- 52 882 = _____ to the nearest 100.
- 554 191 = _____ to the nearest 100 000.
- 7843 = _____ to the nearest 10 000.

7) How are these numbers rounded? Look and tick (✓).

	Number has been rounded to the nearest . . .		
	ten	**hundred**	**thousand**
5987 → 5990			
6341 → 6300			
18 977 → 19 000			
22 512 → 22 500			
9223 → 9000			
87 232 → 87 230			

8) Liam said that about 4,700 people came to the school fair.

He rounded to the nearest 100.

Question:

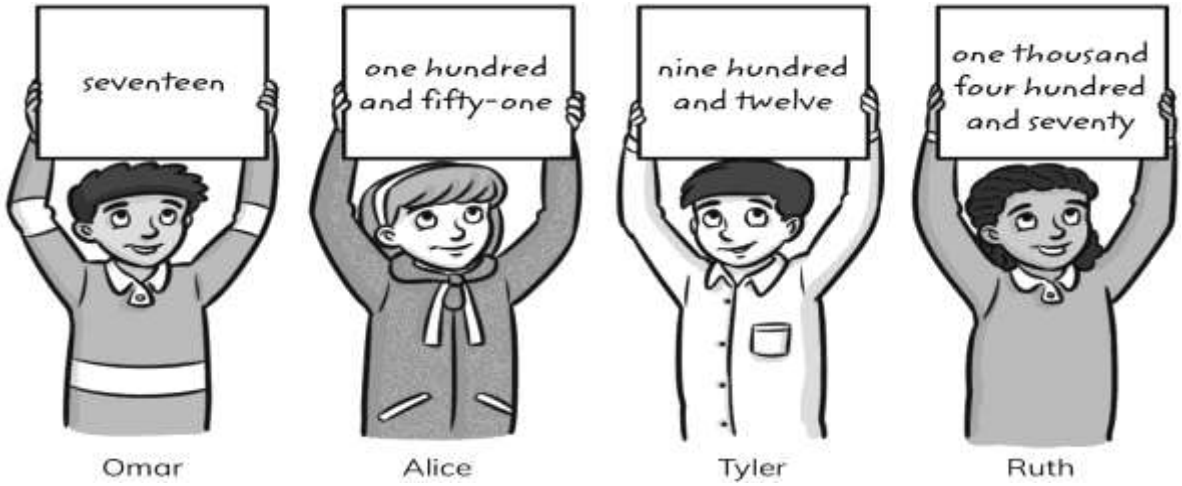
What is the smallest number of people that could have been at the fair?

What is the largest number of people that could have been at the fair?

9) Look at the numbers on the children's cards.

Put the numbers in order.

Write the names and the numbers in the table.



	Name	Number
Biggest number		
↓		
↓		
Smallest number		

Read and write the number.

a Round Alice's number to the nearest hundred. _____

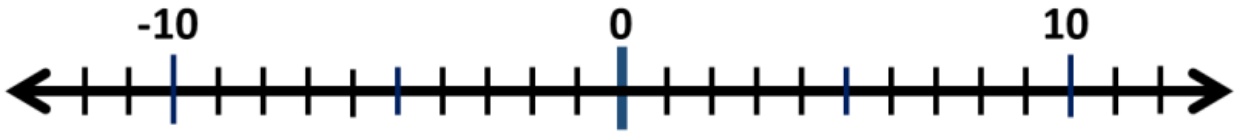
b Round Omar's number to the nearest ten. _____

c Round Ruth's number to the nearest thousand. _____

d Round Tyler's number to the nearest hundred. _____

Negative Numbers

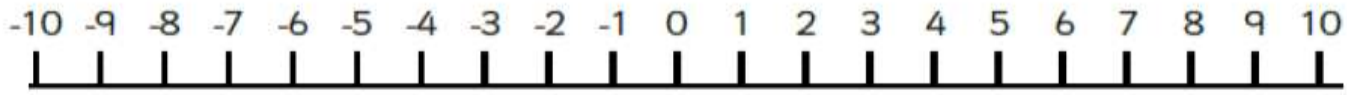
1) Label the numbers below on the number line.



a) 1 b) -1 c) -5 d) -9 e) 3 f) -3

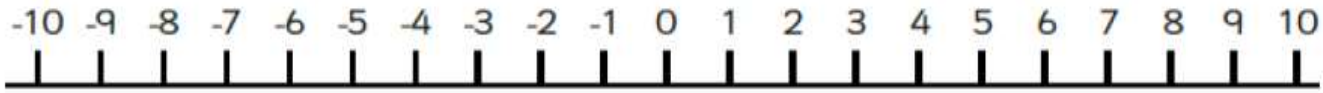
2) Find the answers of the following using the number line.

5 less than 1.



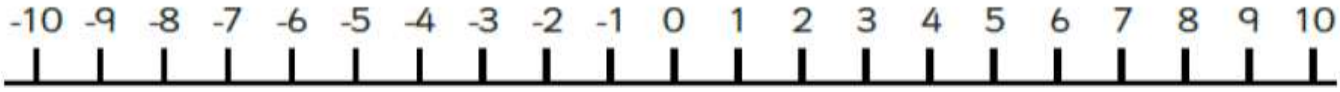
Answer =_____

9 less than 3.



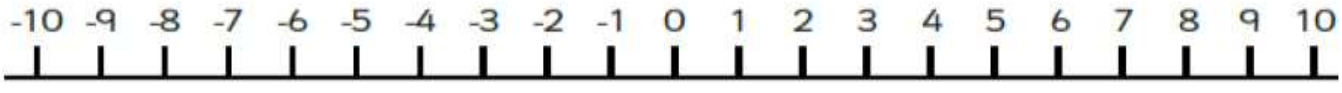
Answer =_____

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

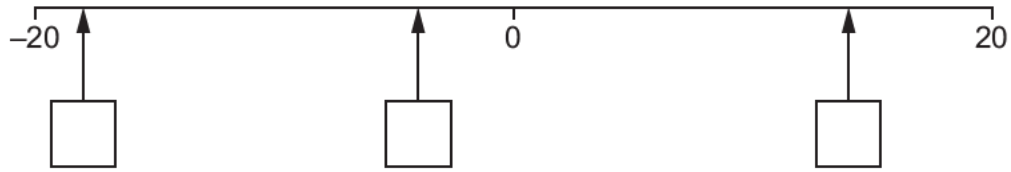
a) Which is the warmest temperature? _____

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 _____

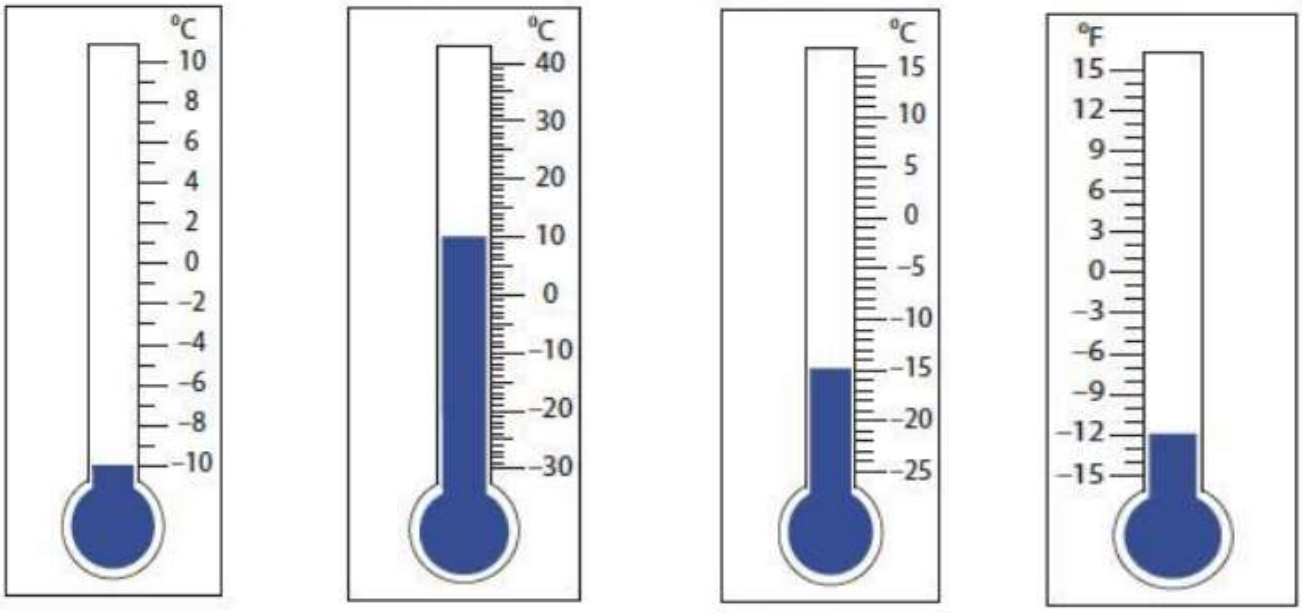
b) 13 , -1 , 5 , -5 , -14 _____

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		

4) Count on by 5s

	43	48		58			73

5) Count back by 100s

1066	966		766				366

6) Count back by 1s

	115			112			

7) Count on by 2s

	95	97			103		

8) Count back by 10s

	180		160			130	

2) Each of these number sequances goes down in equal steps. Work out the missing numbers.

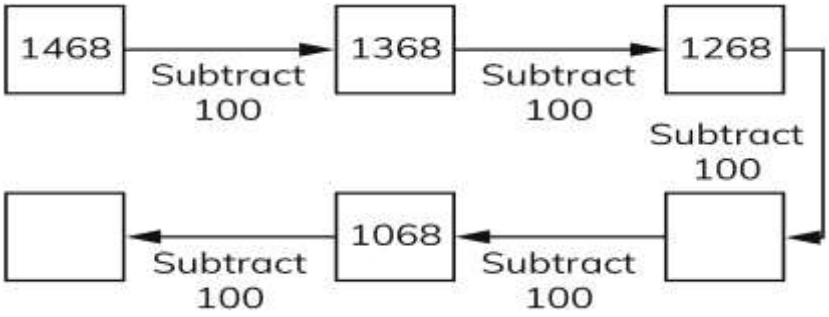
a) 3 2 ☐ ☐ ☐ ☐ ☐ ☐

b) 5 3 ☐ ☐ ☐ ☐ ☐ ☐

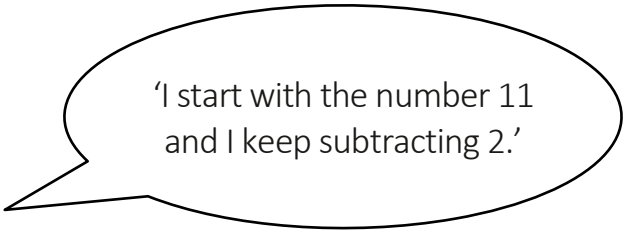
c) 20 15 ☐ ☐ ☐ ☐ ☐ ☐

d) 25 15 ☐ ☐ ☐ ☐ ☐ ☐

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