

Name _____

Date _____



PROBLEM SOLVING - ON THE MOUNTAINS

(METRIC UNITS)

Below is a selection of some of the tallest mountains from each continent.

MOUNTAIN	CONTINENT	HEIGHT (m)	HEIGHT TO NEAREST 100m
McKinley	N. America	6194	
Everest	Asia	8850	
Kilimanjaro	Africa	5895	
Elbrus	Europe	5642	
Puncak Jaya	Oceania	4884	
Vinson Massif	Antarctica	4892	
Aconcagua	S. America	6962	

1) Fill in the height of each mountain to the nearest 100m.

2) Write the mountains in height order, from smallest to largest below.

3) How much higher is Kilimanjaro than Vinson Massif?

4) How much higher is Everest than Elbrus?

5) What is the total height of McKinley and Vinson Massif?

6) What is the total height of the tallest 3 mountains?

7) How much higher is Aconcagua than Puncak Jaya?

8) How much lower is Puncak Jaya than McKinley?

9) Tyger says "The total height of Everest and Aconcagua is more than the total height of the 3 smallest mountains." Is he correct?





PROBLEM SOLVING - ON THE MOUNTAINS

ANSWERS (METRIC UNITS)

Below is a selection of some of the tallest mountains from each continent.

MOUNTAIN	CONTINENT	HEIGHT (m)	HEIGHT TO NEAREST 100m
McKinley	N. America	6194	6200
Everest	Asia	8850	8900
Kilimanjaro	Africa	5895	5900
Elbrus	Europe	5642	5600
Puncak Jaya	Oceania	4884	4900
Vinson Massif	Antarctica	4892	4900
Aconcagua	S. America	6962	7000

1) Fill in the height of each mountain to the nearest 100m.

2) Write the mountains in height order, from smallest to largest below.

Puncak Jaya Vinson Massif Elbrus Kilimanjaro McKinley Aconcagua Everest

3) How much higher is Kilimanjaro than Vinson Massif? **1003m**

4) How much higher is Everest than Elbrus? **3208m**

5) What is the total height of McKinley and Vinson Massif? **11,086m**

6) What is the total height of the tallest 3 mountains? **22,006m**

7) How much higher is Aconcagua than Puncak Jaya? **2078m**

8) How much lower is Puncak Jaya than McKinley? **1310m**

9) Tyger says "The total height of Everest and Aconcagua is more than the total height of the 3 smallest mountains." Is he correct? **Everest + Aconcagua = 15,812.**

Puncak + Vinson + Elbrus = 15,418. So he is correct by 394m.

