



PROBLEM SOLVING - US NATIONAL PARKS

(Standard units)

The list below shows some of the largest US national parks.

| Name of Park | Size (sq. miles) | Year formed | Size Order |
|---------------------|------------------|-------------|------------|
| Death Valley | 5262 | 1994 | |
| Denali | 9492 | | |
| Everglades | 2357 | 1934 | |
| Gates of the Arctic | 13238 | 1980 | |
| Glacier Bay | 5038 | 1980 | |
| Katmai | 7383 | 1980 | |
| Kobuk Valley | 2735 | 1980 | |
| Lake Clark | 4120 | 1980 | |
| Wrangell St. Elias | 20625 | 1980 | |
| Yellowstone | | 1872 | |

- 1) The size of Yellowstone, the oldest park, is 652 square miles smaller than Lake Clark national park. Fill in the correct size for Yellowstone.
- 2) Name the parks in order of size from 1 to 10, where 1 is the largest.
- 3) Denali, the second oldest park on the list, was formed 77 years before the most recent park was formed. Fill in the correct year for Denali.
- 4) How much larger is Katmai than Yellowstone?
- 5) How much smaller is Kobuk Valley than Gates of the Arctic?
- 6) Tyger says "The size of the 2 largest parks is larger than the size of the 4 smallest parks." Is he correct?
- 7) Roughly how many times bigger is Wrangell St. Elias than Lake Clark?
- 8) Find 2 parks that have a combined area of almost 16000 sq. miles.





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ANSWERS (Standard units)

| Name of Park | Size (sq. miles) | Year formed | Size Order |
|---------------------|------------------|-------------|------------|
| Death Valley | 5262 | 1994 | 5 |
| Denali | 9492 | 1917 | 3 |
| Everglades | 2357 | 1934 | 10 |
| Gates of the Arctic | 13238 | 1980 | 2 |
| Glacier Bay | 5038 | 1980 | 6 |
| Katmai | 7383 | 1980 | 4 |
| Kobuk Valley | 2735 | 1980 | 9 |
| Lake Clark | 4120 | 1980 | 7 |
| Wrangell St. Elias | 20625 | 1980 | 1 |
| Yellowstone | 3468 | 1872 | 8 |

- 1) The size of Yellowstone, the oldest park, is 652 square miles smaller than Lake Clark national park. Fill in the correct size for Yellowstone.
- 2) Name the parks in order of size from 1 to 10, where 1 is the largest.
- 3) Denali, the second oldest park on the list, was formed 77 years before the most recent park was formed. Fill in the correct year for Denali.
- 4) How much larger is Katmai than Yellowstone? **3915 sq. miles**
- 5) How much smaller is Kobuk Valley than Gates of the Arctic? **10503 sq. miles**
- 6) Tyger says "The size of the largest park is larger than the size of the 4 smallest parks." Is he correct?
Wr St. E = 20625
LC + Y + KV + E = 4120 + 3468 + 2735 + 2357 = 12,680. Yes - he is correct
- 7) Roughly how many times bigger is Wrangell St. Elias than Lake Clark? **5 times**
- 8) Find 2 parks that have a combined area of almost 16000 sq. miles.
Gates of the Arctic and Kobuk Valley have a combined area of 15973 sq. miles.

