

Rearranging Digits

Rearrange each set of digits to make the largest number possible.

example:

0 5 3 4 6 5	-	655,430
digits		largest number you can make with the digits

- | | |
|---|---|
| <p>a. 2 8 1 7 8 3 _____</p> <p>c. 9 1 2 3 2 2 _____</p> <p>e. 7 8 9 9 2 1 _____</p> <p>g. 9 8 3 0 9 9 _____</p> | <p>b. 0 0 9 7 2 6 _____</p> <p>d. 1 4 5 7 6 5 _____</p> <p>f. 6 0 6 8 0 0 _____</p> <p>h. 1 2 3 4 5 6 _____</p> |
|---|---|

Rearrange each set of digits to make the smallest number possible.

example:

1 5 3 4 6 5	-	134,556
digits		smallest number you can make with the digits

- | | |
|---|---|
| <p>i. 2 9 2 6 7 4 _____</p> <p>k. 9 8 9 8 7 7 _____</p> <p>m. 9 1 8 7 2 3 _____</p> <p>o. 1 4 3 7 7 5 _____</p> | <p>j. 1 3 2 9 6 6 _____</p> <p>l. 3 5 4 1 2 2 _____</p> <p>n. 4 5 6 5 4 2 _____</p> <p>p. 5 6 7 8 9 4 _____</p> |
|---|---|

Rearranging Digits - ANSWER KEY

Rearrange each set of digits to make the largest number possible.

example:

0 5 3 4 6 5	-	<u>655,430</u>
digits		largest number you can make with the digits

- | | |
|--------------------------------------|--------------------------------------|
| a. 2 8 1 7 8 3 <u>887,123</u> | b. 0 0 9 7 2 6 <u>976,200</u> |
| c. 9 1 2 3 2 2 <u>932,221</u> | d. 1 4 5 7 6 5 <u>765,541</u> |
| e. 7 8 9 9 2 1 <u>998,721</u> | f. 6 0 6 8 0 0 <u>866,000</u> |
| g. 9 8 3 0 9 9 <u>999,830</u> | h. 1 2 3 4 5 6 <u>654,321</u> |

Rearrange each set of digits to make the smallest number possible.

example:

1 5 3 4 6 5	-	<u>134,556</u>
digits		smallest number you can make with the digits

- | | |
|--------------------------------------|--------------------------------------|
| i. 2 9 2 6 7 4 <u>224,769</u> | j. 1 3 2 9 6 6 <u>123,669</u> |
| k. 9 8 9 8 7 7 <u>778,899</u> | l. 3 5 4 1 2 2 <u>122,345</u> |
| m. 9 1 8 7 2 3 <u>123,789</u> | n. 4 5 6 5 4 2 <u>244,556</u> |
| o. 1 4 3 7 7 5 <u>134,577</u> | p. 5 6 7 8 9 4 <u>456,789</u> |