27

A medical study of heart surgery investigates the effect of a drug called a beta-blocker on the pulse rate of the patient during surgery. The pulse rate will be measured at a specific point during the operation. The investigators will use 20 patients facing heart surgery as subjects. You have a list of these patients, numbered 1 to 20, in alphabetical order.

Describe the design of a completely randomized experiment to test the effect of beta-blockers on
pulse rate during surgery. Write a few sentences about how you would implement your design.

Use the section from the random digits table below to carry out the randomization required by your design and report the result.

 96746
 12149
 37823
 71868
 18442
 35119
 62103
 39244

 96927
 19931
 36809
 74192
 77567
 88741
 48409
 41903

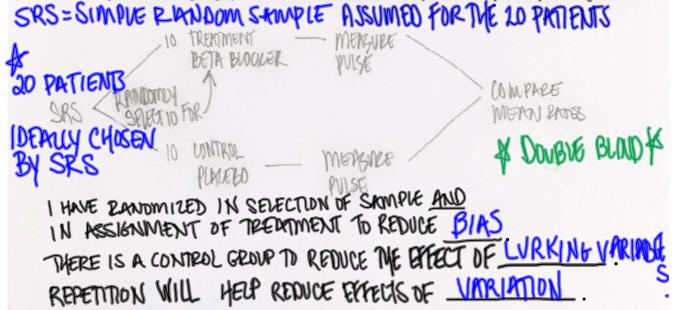
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 99477
 25330
 64359
 40085
 16925
 85117
 36071

 15689
 14227
 06565
 14374
 13352
 49367
 81982
 87209

 36759
 58984
 68288
 22913
 18638
 54303
 00795
 08727

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                            77567 88741
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              25330
                     64359-
                           40085
      14227
                     14374
                           13352
                                   49367
                    22913
                                  54303
```

· READ DIGITS 2 @ A TIME

TREMMENT GROVE 18,19,10,03,06,08,11,15,13,09 PLALEPED GROUP = REMAINING PATIENB = 01,02,04,05,07,12,14,16,17,20