



## **The 5-S Numbers Challenge**

**Prepared by: Jennifer Calohan, RN, TQMP**

**Vice President Clinical Transformation**

**Centerprise, Inc.**

*[www.centerpriseinc.com](http://www.centerpriseinc.com)*

# 5S

**SORT** When in doubt, move it out

**SET IN ORDER** A place for everything, and return everything to its place

**SHINE** Clean up your work area

**STANDARDIZE** Set rules for use that the entire team supports and agrees to

**SUSTAIN** Make 5S a habit by integrating it into your daily work routines

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

# Instructions...

- This sheet represents our current work place.
- Our job during a 20 second shift, is to strike out the numbers 1 to 49 in correct sequence. Example: 1 2 3... in order! 😊
- The team score will be represented by the lowest individual score achieved.



You have 20 seconds  
to find all the numbers  
from 1 to 49 in order

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

Ready?  
Set,  
Go



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

# How many did you find?



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

# SCORE

- Name \_\_\_\_\_
- Individual Score \_\_\_\_\_
- Team Score \_\_\_\_\_





# Remember....

We can achieve efficiency improvements by implementing 5S

SORT - Reject the things not needed

SET IN ORDER - Tidy up

SHINE - Keep workplace clean

STANDARDIZE - Make neatness a rule

SUSTAIN - Observe & continuously improve all points

# Step 1....

- We are going to implement 5S in this area.
- The first step of this is “**Sort**”...so we have removed from the area all the numbers from 50 to 90 which are not needed.
- Same rules apply. Strike out numbers 1 to 49 in sequence during a 20 second shift.



# Step 1: Sort

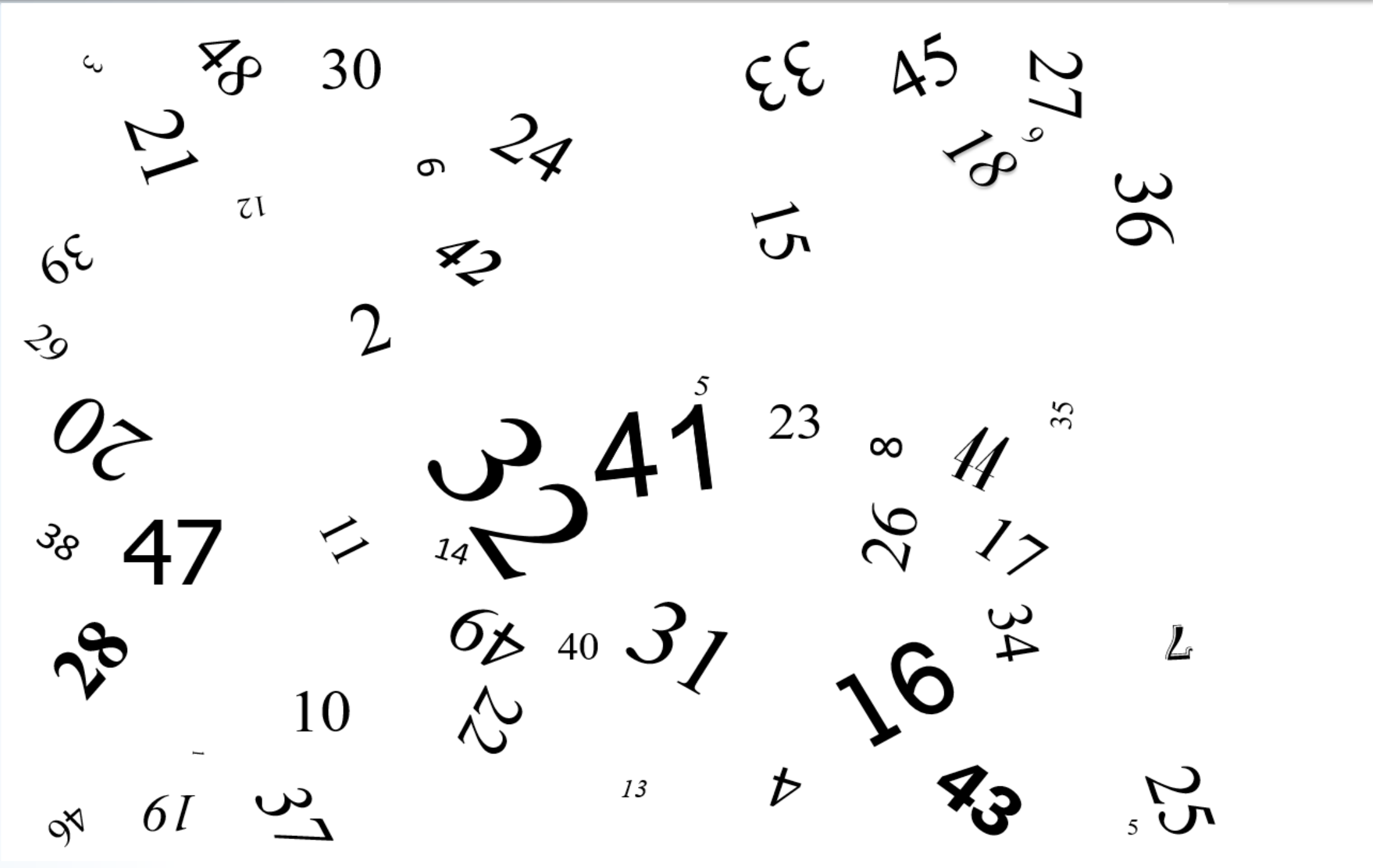
Get rid of what is  
not needed  
Numbers 50 to 90



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

# SCORE

- Name \_\_\_\_\_
- Individual Score \_\_\_\_\_
- Team Score \_\_\_\_\_



Was it easier this time?.....

Now let's do step 2

Set in order



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

# Next....Step 2

- Having achieved some improvement, we now need to move onto the next step **“Set In Order”**.
- We have installed some racking, and we have organized the items so that with Number 1 in the bottom left hand corner, the numbers are located from left to right and bottom to top - examples 1 in the bottom left, 2 in the middle, and 3 in the top left.
- Same rules apply 20 second shift, lowest individual score equals team score etc...



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.



<p>30 21 39 3</p>	<p>2 20 47 29 38</p>	<p>10 28 37 19 46</p>
<p>24 42 6</p>	<p>3 41 23 14</p>	<p>31 22 40 4 13</p>
<p>36 45 18</p>	<p>26 44 17 8 35</p>	<p>25 16 43 34 7</p>



Where you able to  
find more?



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

# SCORE

- Name \_\_\_\_\_
- Individual Score \_\_\_\_\_
- Team Score \_\_\_\_\_



# Next....Step 3 & 4

- Now that we have made a significant step forward, and having ignored Step 3 - “**Shine**” (*only for this exercise*), we can go right to Step 4 - “**Standardize**”.
- This should ensure that everyone is able to complete the task (and therefore produce a team score of 49.)



Since our goal is to deal with numbers 1 to 49 in sequence, it seems logical to re-organize them in a standard way that makes the completion of the work task as easy as possible.



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

Let's get ready,  
this time  
you will have only  
10 seconds



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

# Numbers from 1 to 49

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	<b>16</b>	17	18	19	20
21	22	23	24	25	26	27	<b>28</b>	29	30
31	<b>32</b>	33	34	35	36	37	38	39	40
<b>41</b>	42	<b>43</b>	44	45	46	<b>47</b>	48	49	



Did you see how easy  
it was to find them



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

# SCORE

- Name \_\_\_\_\_
- Individual Score \_\_\_\_\_
- Team Score \_\_\_\_\_





# Next....Step 5

- To show respect for the importance of Standardizing it's necessary to make the “management” of the area visual.
- Returning to our original work area, we now have two numbers missing. We cannot complete the task without these numbers - so first we have to find them.
- We will start a clock running and every 20 seconds, it will represent how many “shifts” we have have been “down” looking for the appropriate numbers.



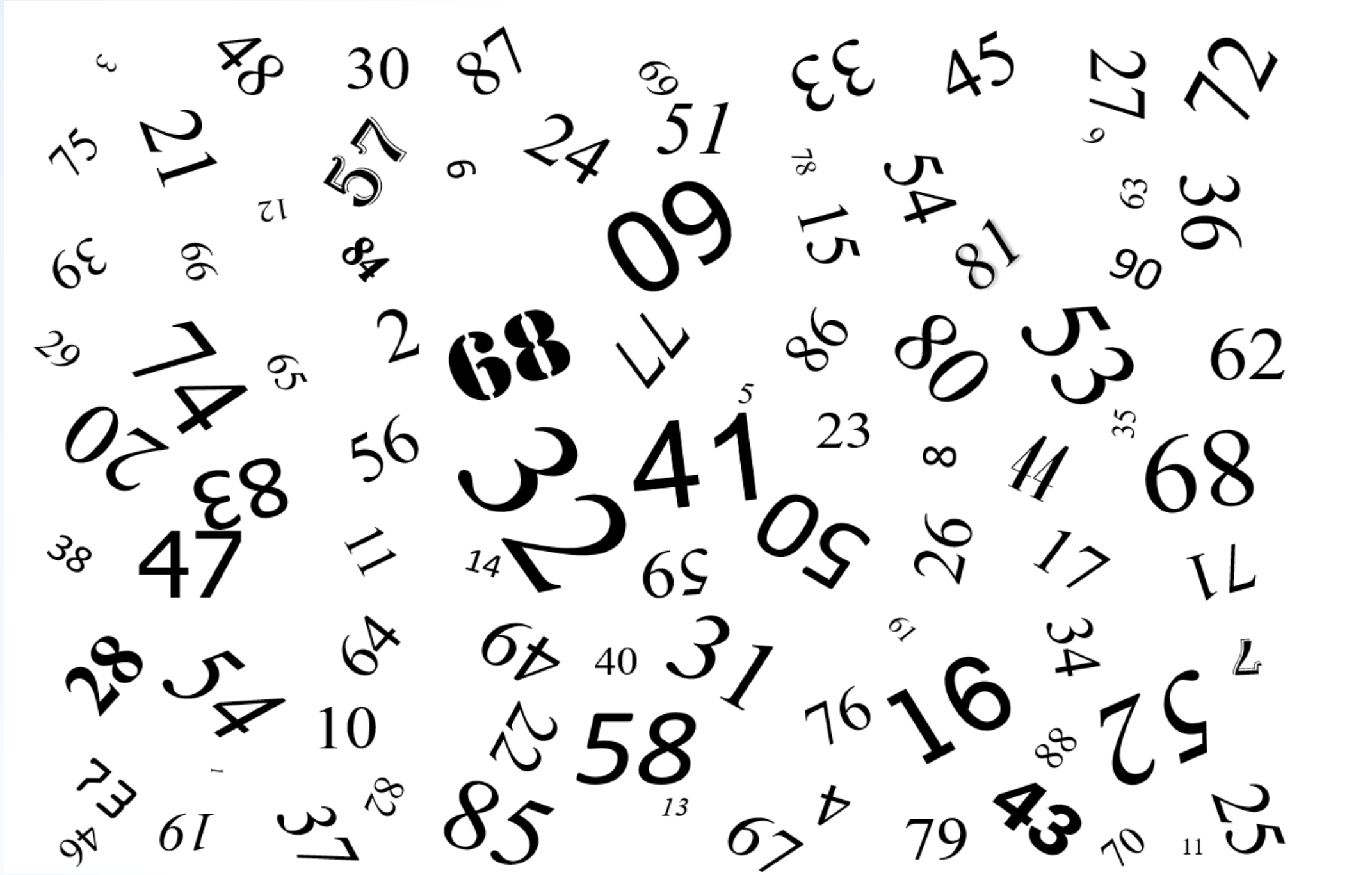
Imagine you are missing  
2 numbers (this could be parts,  
documents, product, etc) in 5  
seconds try to find the missing  
numbers  
in the next sequence.



Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.



# Did you find the missing numbers?

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)



# And...Now....

Try again  
now with our  
5'sed area

Ready, Set, Go

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)



# Numbers from 1 to 49

1	<b>2</b>	3	4	5	6	<b>7</b>	8	9	<b>10</b>
11	12	13	14	15	<b>16</b>	17		19	<b>20</b>
21	22	23	24	25	26	27	<b>28</b>	29	30
31	<b>32</b>	33	34	35	36	37	38	39	40
<b>41</b>		<b>43</b>	44	45	46	<b>47</b>	48	49	

# 5S

**SORT** When in doubt, move it out

**SET IN ORDER** A place for everything, and return everything to its place

**SHINE** Clean up your work area

**STANDARDIZE** Set rules for use that the entire team supports and agrees to

**SUSTAIN** Make 5S a habit by integrating it into your daily work routines

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of Centerprise, Inc. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Centerprise, Inc. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.

[www.centerpriseinc.com](http://www.centerpriseinc.com)