

Safety Zone Game



The Rules

Number of Players: 2 - 6

What you need: number cubes (see sheet for kind of cubes to make)
 $\frac{1}{2}$ sheet (4 turns/player) and pencils, calculator (optional)

How to play (for doubles in addition)

1. A player shakes all 4 number cubes at once. If you shake any doubles write the sums in the big box below "1st turn". You can shake as many times as you want as long as you keep shaking doubles. Put all the sums for each shake in the big box. (Use your brain for these sums.) BUT if you shake and don't get any doubles you lose all your points for that turn! Put a big X on all your points and a 0 in the "safe points" box. Pass the cubes to the next player.
2. Whenever you decide to stop shaking, add all your points together and put them in the "safe points" box at the top. (You can add these points on a calculator.) These points are protected until the end of the game even if you get 0 points on a future turn.
3. After 4 rounds for each player add all your "safe points" together to get your final score.
4. Watch out for the lucky super shakes like 4 4 4 9 You can add the first and second four together, the second and third four together and the first and third four together and write 8 down 3 times!

Variations:

For doubles + 1 or doubles + 2 (sharing facts), play the same way. Just look for sums of doubles + 1 if you are playing that version or look for sums for doubles + 2 if you are working on those facts. Watch for super shakes like 4 5 6 9. For doubles + 1 you can add 4+5, 5+4, 5+6 and 6+5 so you get 9, 9, 11, and 11 points!

For adding +0 or +1 or for adding +9 or +10 or for x2, x5, x0x1, x9, x3x4, x6 x7x8 use just the two cubes indicated on the "Number Cubes Needed for Safety Zone" chart. Figure your answers and put the points in the big box. BUT if the sad face ☹ comes up you lose your points and have to put 0 in the "safe points" box.

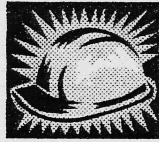
For doubles in multiplication, play the game just like doubles in addition but multiply any doubles you get.

Number Cubes Needed for Safety Zone Game and for Shake, Rattle & Roll

Addition Facts	For older learners	For younger learners
Doubles Doubles + 1 Doubles + 2 or Sharing	Make four cubes like this: 4 5 6 7 8 9	Make four cubes like this: 0 1 2 3 4 5
Adding 0 & 1	Make two cubes like this: 0 0 1 1 1 ☹️ 4 5 6 7 8 9	Make two cubes like this: 0 0 1 1 1 ☹️ 0 1 2 3 4 5
Adding 10 & 9	Make two cubes like this: 9 9 9 9 9 ☹️ 4 5 6 7 8 9	Make two cubes like this: 10 10 10 10 10 ☹️ 0 1 2 3 4 5





Multiplication Facts	For all learners, make 2 cubes for each group: Cube 1 & Cube 2												
X 2	2	2	2	2	2	☹️	&	4	5	6	7	8	9
X 5	5	5	5	5	5	☹️	&	4	5	6	7	8	9
X 0 X 1	0	0	1	1	1	☹️	&	4	5	6	7	8	9
X 9	9	9	9	9	9	☹️	&	4	5	6	7	8	9
X 3 X 4	3	3	4	4	4	☹️	&	4	5	6	7	8	9
X 6 X 7 X 8	6	7	7	8	8	☹️	&	4	5	6	7	8	9
Doubles	Make 4 cubes like this:												
	4	5	6	7	8	9							

Safety



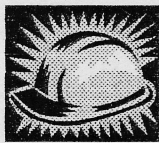
Zone

Final Score

1 st turn	2 nd turn	3 rd turn	4 th turn
 safe points	 safe points	 safe points	 safe points





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Zone

Final Score

1 st turn	2 nd turn	3 rd turn	4 th turn
 safe points	 safe points	 safe points	 safe points

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