

the PRICE IS RIGHT

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Host: "Walter, come on down! You'll be our fourth and final player on The Price is Right!"

Game One: One Bid

Host: "Today's first item will bring music to your ears.
Yes, it's a top-of-the-range television and speakers!"

"To win that amazing prize, you've just got to **sum up**
their cost without going a penny over!"

TELE + SPEAKERS = ???

ART = 47
ELKS = 75
KETTLES = 122
LEEKs = 84
PLATES = 116
STAPLER = 129
STEAK = 89
TREES = 75

Game Two: Hole in One (or Two)

Host: "This is your chance to win a brand new
car, Walter."

Make a hole in some cells so that each row
and column contains exactly one hole.
The region marked by '2' in the lower left must
have exactly two holes in it. All other regions
must contain exactly one hole.
Adjacent cells or cells that share a corner
cannot both contain holes.

"So Walter, reading top to bottom, can you
figure out the 5-digit price of the car?"

0	0	1	0	1
1	0	0	1	0
0	1	0	1	1
0	1	0	0	1
₂ 1	1	0	1	0

Game Three: Showcase Showdown

Host: "Walter, congratulations on
making it through the first two rounds.
For the viewers at home let's remind
them of what you've done so far..."

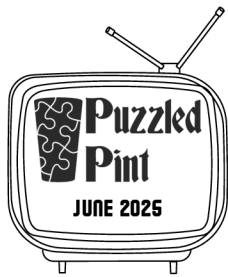
In One Bid (outer ring), you **turned** an
extraordinary guess into the television
/speaker set, and in Hole in One (or
Two) (inner ring), you poked through
the **right** holes and avoided the **wrong**
ones to win the car.

Let's see if the **answers from your first
two games** can set the wheel up to win
you tonight's jackpot of £100,000!

Now, all you've got to do to win the
money is score more points in total
than our other finalists: Heather, Karen,
and Helen.

Unluckily for you, the wheel has been
playing up since we upgraded to a
completely digital system..."

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"Every time the wheel is spun, it seems to give an incorrect output that could not belong to our original wheel (see right).

The producers have figured out that each incorrect output can be modified in three possible ways (see below) to change it to the intended output. They have also learned that at the end of each turn, the inner wheel gets rotated clockwise by the sum of the modifier numbers (#Xs) that were applied that turn.

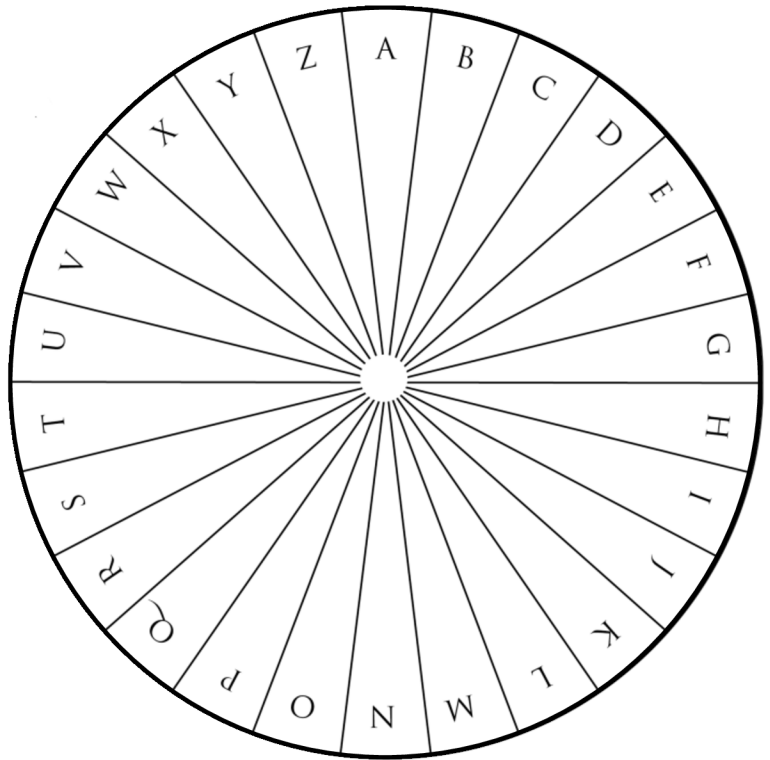
Assuming that each modifier is applied no more than once on each turn, we think it should be possible to figure out which modifiers get us to the intended outputs... but our producers haven't had time to edit the code to make this process automatic. I hope you'll be able to figure it out, Walter."

Modifier Examples

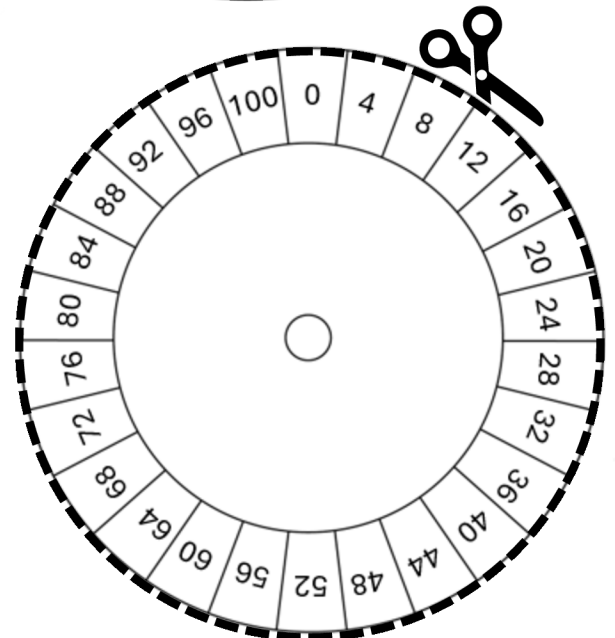
#1: 36 → 34, 49 → 47

#2: 38 → 11, 78 → 15

#3: 5 → 10, 20 → 40



Incorrect Output	Number of Modifiers Applied	Intended Output	Extracted Letter	Modifiers Applied	Rotation Amount At End of Turn
62	2			#1 #2 #3	
32	2			#1 #2 #3	
9999	1			#1 #2 #3	
9992	3			#1 #2 #3	
86	1			#1 #2 #3	
27	2			#1 #2 #3	
992	2			#1 #2 #3	
53	1			#1 #2 #3	
54	1			#1 #2 #3	



Host: "Congratulations on coping with our problematic wheel and more importantly winning tonight's jackpot! There's just one thing left that we need from you to secure your prize..."