

## Changing Places: Answers

1	s	2	m	3	āī	4	l			5	ōū	6	d	7	ɪ	8	ʝ		9	w	10	āī	11	p	12	s
13	t	ɛ	ʝ	ə	14	s				15	s	āī	f	āī					16	ə	w	ēī	k			
17	ɪ	l	āī	dʒ	ə					18	t	ōū	s	t					19	n	ɛ	s	i			
20	ʝ	ōū	m	ɪ	ŋ	21	g	a	d					22	æ	s	t	ʝ	ōū	z						
				24	s	k	u	p					25	i	z	i	ə									
		26	k	27	ɪ	t	ə	n			28	s	k	ʝ	i	m	29	p	30	l	31	ēī				
32	s	i	n	ɪ	n					33	b	i	w	ēī	l				34	ʝ	ēī	t				
35	p	a	ʝ	k				36	t	ōū	k	ə	n					37	h	āū	d	i				
38	ə	n	u			39	ð	ə	p	ə	l					40	b	a	d	i	z					
41	d	u	m	42	b	ə	g	i	z					43	l	ɛ	t	ə	z							
				44	āī	s	ə	p					45	m	ɔ	ʝ	f									
46	p	ɛ	t	p	i	v				49	p	ɪ	ŋ	k	ʊ	ʝ	ə	n	50	ʝ	ə	n				
53	ə	d	ɛ	l						54	w	ɪ	l	z					56	ə	t	ə	l	i		
57	f	ɪ	l	ēī						58	ɔ	f	āū	ə					59	b	ɪ	l	ōū	d		
60	s	t	ə	n						61	ʝ	i	d	i					62	t	i	n	z			

The shaded answers were all created by nasal place assimilation, which is a process where a nasal sound changes its place of articulation to match the place of articulation of a neighboring sound. In English, this routinely happens with the prefix *in-* (meaning “not”); for example, instead of saying *inpossible*, we say *impossible*, with the *n* changing to an *m* to match the place of articulation of the following *p* (*m* and *p* are both formed at the lips, while *n* is formed farther back in the mouth, so the *n* is changing to be more like the *p*). More subtly, the *n* in *inconceivable* is often pronounced as the *ng* sound to match the place in the mouth where the following *k* sound is formed. In this puzzle, we have *n* changing to *m* before *b* or *p*, or changing to *ng* before *g* or *k*. Thus, Roman god -> roaming god, screenplay -> scream play, dune buggies -> doom buggies, and pin cushion -> ping cushion.

Across

1 smile  
5 "Oh dear!"  
9 wipes  
13 terrace  
15 Sci-fi  
16 awake  
17 Elijah  
18 toast  
19 Nessie  
20 roaming god  
22 Astros  
24 scoop  
25 easier  
26 kitten  
28 scream play  
32 seen in  
33 bewail  
34 rate  
35 park  
36 token  
37 "Howdy!"  
38 anew  
39 The Pearl  
40 bodies  
41 doom buggies  
43 letters  
44 ice up  
45 morph  
46 pet peeve  
49 ping cushion  
53 Adele  
54 wills  
56 utterly  
57 fillet  
58 off hour  
59 billowed  
60 stern  
61 reedy  
62 teens

Down

1 steer  
2 mellow  
3 eye rhyme  
4 logistic  
5 "Oh, stop!"  
6 diode  
7 ifs  
8 right as rain  
9 one-term  
10 eyewear  
11 peso  
12 skis  
14 sunken  
21 goon  
23 sea eel  
25 equal  
26 Keanu  
27 in-room  
28 Seekers  
29 prouder  
30 Ladies  
31 eighties  
32 spud  
33 Bo Peep  
36 Tug of War  
37 hotfoot it  
39 the sea  
40 bear cub  
42 biplane  
43 long  
45 misery  
46 Puffs  
47 edit  
48 teller  
49 plowed  
50 surely  
51 alone  
52 needs  
55 iffy