

1	L2	J3	I4	M5	K6	X7	U8	R9	T	10	L11	A	12	D13	X14	G	15	H16	X	17	J18	Y19	U20	V21	Q
22	S	23	S	24	N25	V26	T27	I28	Q	29	X30	U31	O32	T33	M	34	K35	R36	I37	G38	S39	X40	A41	E42	U
43	D44	T45	J46	C47	P	48	R49	O50	C51	W52	B53	P54	L55	Q	56	R57	Q	58	T59	I60	H	61	L62	V63	X
64	Q65	Y66	F67	J68	D69	B70	P	71	J72	U73	D74	Q75	A76	P77	N78	Y	79	V80	B81	I82	P83	U84	C85	D86	A
87	V88	X	89	Q90	K91	R92	W93	F94	H95	V96	D97	U98	P	99	P100	N101	G102	O103	U	104	N105	O	106	B	
107	O108	U109	A110	I111	J112	K113	L114	F	115	U116	W117	T	118	D119	U120	S121	K122	H123	S	124	D125	O126	M	127	V
128	X129	L130	Y	131	Q132	V133	W134	P135	U	136	T137	J138	W	139	A140	N141	G142	O	143	M144	O	145	V146	M147	P
148	N149	T150	D151	R	152	Q153	H154	V	155	R	156	E157	M158	F	159	H160	Q161	E162	B163	O164	P165	M166	U		
167	A	168	V169	N170	E171	B172	F	173	P174	W	175	G176	R177	N	178	F179	O180	B181	V182	A	183	G184	W185	C186	J
187	M	188	Y189	L190	C	191	L192	A193	P194	M195	Q	196	X197	U	198	C199	E200	J201	X	202	R203	H204	L	205	N
206	G207	O	208	U209	Q210	K211	W	212	T213	X214	W215	V	216	O217	T218	X	219	A220	K221	X222	Q223	F224	Y	225	J
226	E	227	J228	P229	N	230	S231	V232	Q	233	X234	B235	K236	Q237	N238	E239	I	240	I241	K242	C	243	U244	N	

A. Space capsule landing at sea (10)

86 109 40 167 11 182 139 192 219 75

B. All there is (8)

180 52 234 106 69 162 171 80

C. After sunset (7)

190 50 242 46 84 185 198

D. Alpha Piscis Austrini (9)

124 12 68 118 96 73 150 85 43

E. Open many a small observatory roof (4,3)

161 170 41 238 199 156 226

F. Study carefully (7)

172 158 114 178 93 66 223

G. Sun’s hypothetical dark twin (7)

206 14 101 141 183 175 37

H. The two crowns (7)

159 203 122 15 94 153 60

I. In the sky (8)

59 27 240 81 110 36 3 239

J. Apparent proximity (11)

186 45 137 71 2 17 111 227 225 67 200

K. Meet aliens, perhaps (9)

121 235 34 220 112 210 241 5 90

L. Packet of photons (5,4)

113 10 191 189 129 204 61 1 54

M. Supernova, for example (9)

187 126 4 33 157 194 146 143 165

N. Stellar exhaust? (8,4)

177 104 24 77 140 229 100 237 148 169 205 244

O. The only good reason to sell your telescope (2,3,1,3,3)

105 125 216 107 163 31 49 102 142 179 144 207

P. What goes on in carbon stars (4,9)

173 70 193 76 134 98 99 53 228 82 47 164 147

Q. Milky Way’s twin (9,6)

74 28 55 64 89 152 195 222 236 131 160 21 209 232 57

R. Apparent tilting of the moon (9)

8 48 56 151 155 176 91 35 202

S. What a solar filter is for (6)

120 23 230 123 38 22

T. Dobsonian mount, usually (10)

9 32 58 136 26 44 117 217 149 212

U. Milky Way’s neighbors (10,6)

30 42 166 135 108 83 19 119 243 208 115 97 72 7 103 197

V. Astronomical picture display, perhaps (10,4)

215 87 132 181 231 168 20 95 154 79 62 145 25 127

W. East-west measurement (9)

214 133 174 92 184 211 116 138 51

X. Gravitational bending of light (8,6)

39 128 13 29 218 88 196 221 201 233 16 213 6 63

Y. Took a new picture of (6)

224 18 78 130 65 188