

Binary Decoder Sheet 210

Beep & Pixel

Each row of boxes is one letter. Shaded box = 1, empty = 0. Add up the numbers above the shaded boxes.

Code: A=65, B=66 ... Z=90

Word 1

128	64	32	16	8	4	2	1	
☐	☒	☐	☒	☐	☐	☐	☐	= _____ = _____
☐	☒	☐	☐	☒	☒	☐	☐	= _____ = _____
☐	☒	☐	☐	☐	☐	☐	☒	= _____ = _____
☐	☒	☐	☐	☒	☒	☒	☐	= _____ = _____
☐	☒	☐	☐	☐	☒	☐	☒	= _____ = _____
☐	☒	☐	☒	☐	☒	☐	☐	= _____ = _____

Word 2

128	64	32	16	8	4	2	1	
☐	☒	☐	☐	☐	☒	☒	☐	= _____ = _____
☐	☒	☐	☐	☒	☐	☐	☒	= _____ = _____
☐	☒	☐	☒	☐	☐	☒	☒	= _____ = _____
☐	☒	☐	☐	☒	☐	☐	☐	= _____ = _____

Word 3

128	64	32	16	8	4	2	1	
☐	☒	☐	☐	☐	☐	☒	☐	= _____ = _____
☐	☒	☐	☐	☐	☒	☐	☒	= _____ = _____
☐	☒	☐	☒	☐	☐	☒	☐	= _____ = _____
☐	☒	☐	☒	☐	☐	☒	☐	= _____ = _____
☐	☒	☐	☒	☒	☐	☐	☒	= _____ = _____

Binary Decoder Sheet 210: Answers

Beep & Pixel

Check your answers here.

Word 1

128	64	32	16	8	4	2	1	
☐	☒	☐	☒	☐	☐	☐	☐	= 80 = P
☐	☒	☐	☐	☒	☒	☐	☐	= 76 = L
☐	☒	☐	☐	☐	☐	☐	☒	= 65 = A
☐	☒	☐	☐	☒	☒	☒	☐	= 78 = N
☐	☒	☐	☐	☐	☒	☐	☒	= 69 = E
☐	☒	☐	☒	☐	☒	☐	☐	= 84 = T

Word 2

128	64	32	16	8	4	2	1	
☐	☒	☐	☐	☐	☒	☒	☐	= 70 = F
☐	☒	☐	☐	☒	☐	☐	☒	= 73 = I
☐	☒	☐	☒	☐	☐	☒	☒	= 83 = S
☐	☒	☐	☐	☒	☐	☐	☐	= 72 = H

Word 3

128	64	32	16	8	4	2	1	
☐	☒	☐	☐	☐	☐	☒	☐	= 66 = B
☐	☒	☐	☐	☐	☒	☐	☒	= 69 = E
☐	☒	☐	☒	☐	☐	☒	☐	= 82 = R
☐	☒	☐	☒	☐	☐	☒	☐	= 82 = R
☐	☒	☐	☒	☒	☐	☐	☒	= 89 = Y