

Binary Decoder Sheet 209

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 209: Answers

Beep & Pixel

Check your answers here.

Word 1

128	64	32	16	8	4	2	1	
☐	☒	☐	☒	☐	☒	☐	☐	= 84 = T
☐	☒	☐	☐	☒	☒	☒	☒	= 79 = O
☐	☒	☐	☒	☐	☒	☐	☒	= 85 = U
☐	☒	☐	☐	☐	☐	☒	☒	= 67 = C
☐	☒	☐	☐	☐	☐	☐	☒	= 65 = A
☐	☒	☐	☐	☒	☒	☒	☐	= 78 = N

Word 2

128	64	32	16	8	4	2	1	
☐	☒	☐	☐	☒	☐	☒	☒	= 75 = K
☐	☒	☐	☐	☒	☐	☐	☒	= 73 = I
☐	☒	☐	☐	☒	☒	☒	☐	= 78 = N
☐	☒	☐	☐	☐	☒	☐	☐	= 68 = D

Word 3

128	64	32	16	8	4	2	1	
☐	☒	☐	☐	☐	☐	☒	☐	= 66 = B
☐	☒	☐	☒	☒	☐	☐	☒	= 89 = Y
☐	☒	☐	☒	☐	☒	☐	☐	= 84 = T
☐	☒	☐	☐	☐	☒	☐	☒	= 69 = E