

11-15-16

4.8

SWBAT: Multiply matrices.

Tape Deck Tuesday

The 3 songs that describe my life is Broccoli, Hall of fame, and Pumpit.

Notes:

Ex: $\begin{bmatrix} 3 \\ 4 \end{bmatrix} + \begin{bmatrix} 7 \\ 9 \end{bmatrix} = \begin{bmatrix} 10 \\ 13 \end{bmatrix}$ *look same to add or subtract
 • add in same spots
 • Row x column always

$$\begin{bmatrix} 7 & 6 \\ 3 & 2 \end{bmatrix} + \begin{bmatrix} 3 \\ 8 \end{bmatrix}$$

			2.50	2.00
			2.00	4.00
			2.00	1.50
8	7	4	49 (20+21+8)	50 (16+25+6)
10	4	4	45 (25+12+8)	42 (20+16+6)

• Same amount number to rows & columns

- ① first row, first column
- ② first row, second column
- ③ second row, first column
- ④ second row, second column

2.50	2.00
3.00	4.00
2.00	1.50

	chips	cookies	drinks
Soccer	8	7	4
Drama	10	4	4
Chess	3	4	2
Cheerleaders	2	3	2
Football	14	12	8

	(20+21+8)	(16+25+6)
	49	50
	(25+12+8)	(20+16+6)
	45	42
	(6+16+3)	(6+16+3)
	25	25
	(7.5+12+4)	
	18	19 (4+12+3)
	(5+9+4)	
	87	88
	(35+36+16)	(25+48+12)

You can't multiply the matrices due to the uneven numbers in the rows and columns.