

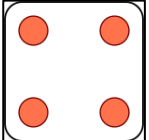
If . . . Then . . . Variables Game

This game is for 2-4 players. The object is to be the first to cover 4 spaces in a row (horizontally, vertically, or diagonally) on the game board.

Materials: 1 six-sided dice, 1 game board (#3-50), 1 work space mat, 1 different color marker for each student, and deck of If/Then cards

Directions:

1. The first student turns over the top **If/Then** card from the stack.
Place it on the work mat.
2. Roll a dice.
3. Solve for the n by recording your steps on the work mat.
4. Put an X with your color marker on the space with the value of the expression.
5. The next student repeats steps 1 – 4.
6. Wipe off your work mat when needed.

If $n =$ 

Card: $5n + 3$
 $5(4) + 3$
 $20 + 3$

Then $5n + 3 = 23$
Cover space 23

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$$2n + 1$$

$$2n + 2$$

$$2n + 3$$

$$2n + 4$$

$$2n + 5$$

$$2n + 6$$

$$3n + 1$$

$$3n + 2$$

$$3n + 3$$

$$3n + 4$$

$$3n + 5$$

$$3n + 6$$

$$4n + 1$$

$$4n + 2$$

$$4n + 3$$

$$4n + 4$$

$$4n + 5$$

$$4n + 6$$

$$5n + 1$$

$$5n + 2$$

$$5n + 3$$

$$5n + 4$$

$$5n + 5$$

$$5n + 6$$

$$6n + 1$$

$$6n + 2$$

$$6n + 3$$

$$6n + 4$$

$$6n + 5$$

$$6n + 6$$

$$7n + 1$$

$$7n + 2$$

$$7n + 3$$

$$7n + 4$$

$$7n + 5$$

$$7n + 6$$

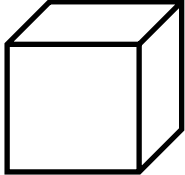
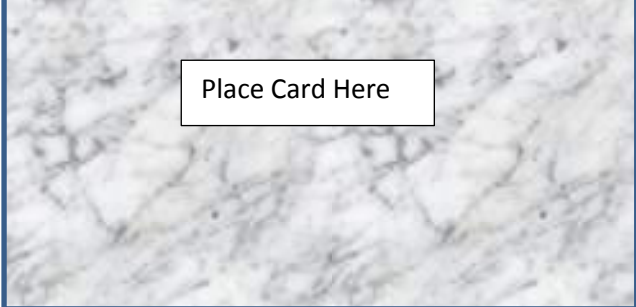
$$8n + 1$$

$$8n + 2$$

If . . . Then . . . Game Board

3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34
35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50

If . . . Then . . . Workmat

If $n =$  then  $=$ 