**Variable Bingo**

Choose you card numbers from:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 | 3 | 4 | 5 | 7 | 8 |
| 9 | 11 | 12 | 13 | 16 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 29 | 31 | 33 | 35 | 37 |

Rules: 1. Fill each box with one number from

 the chart of the right.

 2. You can only use each number once!

 3. Make a line in any direction to win.

Expression A: **4x + 4**

Expression B: ***n* + 20**

Expression C: **39 + 2k**

Expression D: **1 + 2y**

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| --- | --- | --- | --- | --- |
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|  |  | FREE |  |  |
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| --- |
| Show your Work here |

T**eacher Directions**

Pre-game

 1. Cut out the answer slips below and place in a container for drawing.

 2. Distribute a card to each student.

 3. Have students fill in their cards using the number choices in the table on the right using a

 coloured pencil or pen (a different colour for each game)

 4. To maximize card usage, start by having students put their first choice in the top left hand

 corner, then the top right, then bottom right, the bottom left, and finally, in the middle.

 5. Once the students have filled in their cards, you may opt to have them pass it to another

 student for checking and/or play.

Playing the Game

 1. The teacher picks and answer slip and reads it as follows: “Expression A when x=1.” As you

 read the slips, arrange the ANSWERS in numerical order to help you check for student winners.

 2. The students replace the variable in the given equation with the value stated.

 3. They circle the answer on their card using a pencil (so it can be erased and re-used)

 4. They may use the work space below to calculate their answers.

 5. When they have made a horizontal, vertical or diagonal line, they say “BINGO!”

Post-Game

 1. The winning student passes the card to another student who reads aloud the winning numbers.

 2. If there is a winner, the students return the card to the student who wrote it. All students put Xs

 on their numbers and use a new colour to print the numbers for the next game.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A1Answer: 0 | A2Answer: 4 | A3Answer: 8 | A4Answer: 12 | A5Answer: 16 | A6Answer: 20 |
| B1Answer: 21 | B2Answer: 22 | B3Answer: 23 | B4Answer: 24 | B5Answer: 25 | B5Answer: 26 |
| C1Answer: 37 | C2Answer: 35 | C3Answer: 33 | C4Answer: 31 | C5Answer: 29 | C6Answer: 27 |
| D1Answer: 3 | D2Answer: 5 | D3Answer: 7 | D4Answer: 9 | D5Answer: 11 | D6Answer: 13 |