

Mystery Number

Object of the Game

To find what the mystery number on the hundreds chart is.

Materials

- Printed blank hundreds chart or
- Interactive hundreds chart:
<https://toytheater.com/hundreds-chart/>

Math Concepts

- Place value
- Skip counting
- Adding 10 more

How to Play

In this routine, students use their knowledge of the hundreds chart and place value to find out what the highlighted number is. Start with a blank hundreds chart and highlight the mystery number. Students should explain how they know what the mystery number is before the number is revealed.

Blank Hundreds Chart

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Numbered Hundreds Chart

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|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 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 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Possible strategies for this example:

- Start at 1 and count down the column by adding 10's (1, 11, 21) then count across the row by 1's (21, 22, 23)
- Start at 1 and count across the row by 1's (1, 2, 3) then count down the column by adding 10's (3, 13, 23)
- Start with 1 and count by 1's until you reach 23

Math Talk

The mystery number is _____. I know because _____.

I noticed _____.

Variations

- Play using a number chart with the numerals 101-200.