

WHAT'S MY NUMBER?

A fun way to review number sense.

Is it greater than 50?
Is it a two-digit number?

Is it an odd number?
Is it a multiple of 4?



What's Included with this File

Game rules, charts for multiples and prime numbers, a large game board, small game boards, and the rules. You can duplicate pages 5-6 for students working in small groups or to send home

WHAT'S MY NUMBER?

OBJECT Ask yes/no questions to find a mystery number.

HOW TO WIN Find the mystery number.

HOW TO PLAY

- 1) Write the mystery number on a scrap of paper.
- 2) Students take turns asking yes/no questions to eliminate numbers from the board. Numbers that are eliminated are crossed out (see the next page).
- 3) Each type of question can only be asked once. You cannot ask "Is it greater than 50?" "Is it greater than 75?" "Is it greater than 90?" "Is it greater than 95" until you have just five numbers left. If you ask a question that has been asked you lose your turn for this game.
- 4) When there are five or fewer numbers, students can ask for a specific number. The student who identifies the mystery number gets to choose the next mystery number.

QUESTIONS TO CONSIDER

Is it greater than #?

Is it less than #?

Is it odd?

Is it even?

Is there a # in the ones place?

Is there a # in the tens place?

Is there a # anywhere in the number?

Is it a single digit number?

Is it a double digit number?

Is it a triple digit number?

Is it a square number?

Is it a prime number?

Is it a composite number?

Is it a multiple of #?

These can be hard to shade in quickly, so I created the charts that follow to help you.

A SUGGESTION TO HELP STUDENTS

Write letters next to the game to help students remember the questions that have been asked. G=greater than, L=less than, O=ones place, T=tens place, A=anywhere, M=multiple

Multiples of 3

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

Multiples of 4

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

Multiples of 5

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

Multiples of 6

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

Multiples of 7

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
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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

Multiples of 8

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
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Multiples of 9

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
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Prime Numbers

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
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Square Numbers

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
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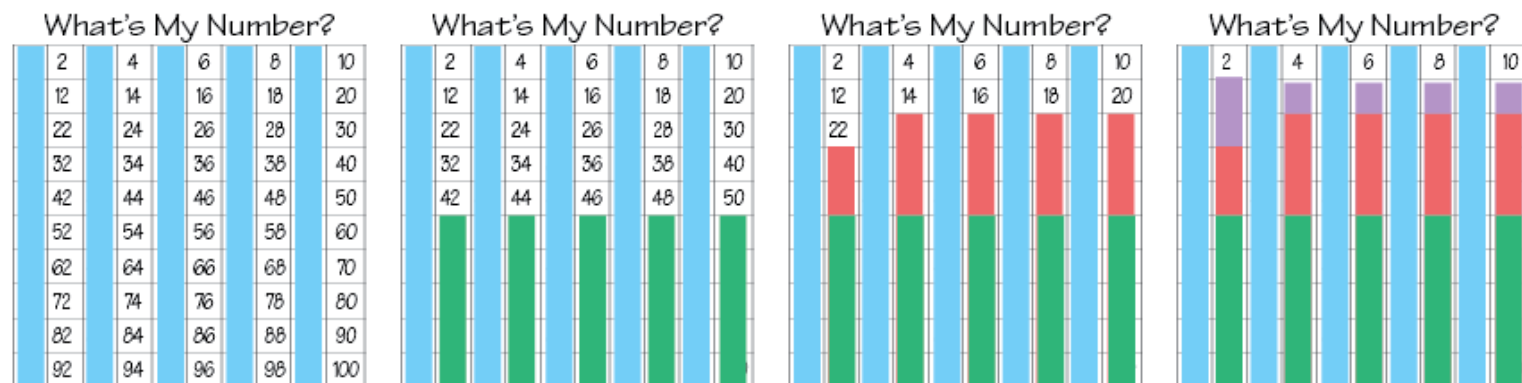
What's My Number?

Object of the game: Ask yes/no questions to find a mystery number.

How to win: Find the mystery number.

How to play:

- 1) Write the mystery number on a scrap of paper.
- 2) Students take turns asking yes/no questions to eliminate numbers from the board. Numbers that are eliminated are crossed out.
- 3) Each type of question can only be asked once. You cannot ask "Is it greater than 50?" "Is it greater than 75?" "Is it greater than 90?" "Is it greater than 95?" until you have just five numbers left. If you ask a question that has been asked you lose your turn for this game.
- 4) When there are five or fewer numbers, students can ask for a specific number. The student who identifies the mystery number gets to choose the next mystery number.



Is the number odd? NO

Is the number greater than 50? NO

Is the number less than 24? YES

Is the number a 2-digit number? NO
Less than 5 numbers, starting picking!

Other questions to consider: Is there a 1, 3, or 5 anywhere in the number? Is there a 6 in the ones place? Is there a 2 or a 4 in the tens place? Is the number a multiple of 3? Is the number a factor for 24? Is it a one-digit number?

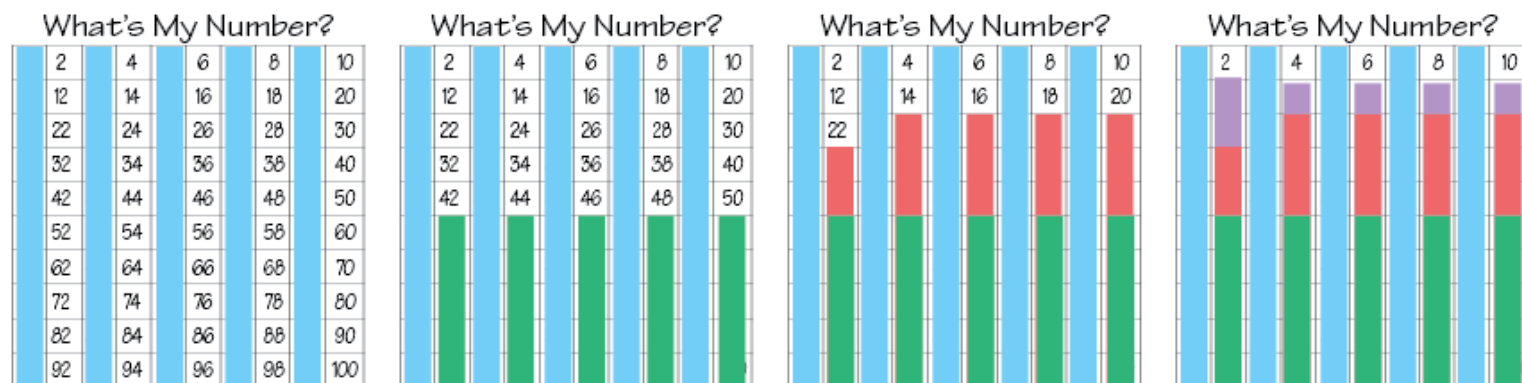
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THANK YOU for supporting your fellow teachers and visiting the TeachersPayTeachers website!

Watch the video included with your file for a quick look at how the game is played.

You've downloaded my math game "What's My Number?". I hope you find the game adds fun to your classroom while students review math skills.

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