

## Directions:

- Remove the cards that show 10.  
Set them aside.
- Partner A:
  - Pick 2 cards. Make a mystery 2-digit number. Don't show your partner!
  - Give your partner a clue about your mystery number. You can use the examples below or make up your own.
- Partner B:
  - Guess your partner's mystery number.
- If Partner B guesses the mystery number, switch roles.
- If Partner B does not guess the mystery number, Partner A gives another clue. Go back and forth until Partner B guesses the mystery number.
- You get 1 point for each clue you were given to identify the mystery number. The player with the lower score after 5 rounds wins.



## Example clues:

- The mystery number has more than \_\_\_\_ tens.
- The mystery number has less than \_\_\_\_ ones.
- The mystery number is greater than \_\_\_\_.
- The mystery number is less than \_\_\_\_.
- The mystery number has more tens than ones.
- The mystery number has more ones than tens.

1

2

3

4

5

6

7

8

9

1

2

3

4

5

6

7

8

9

0

0

10

10

## Directions:

- Remove the cards that show 10. Set them aside.
- Partner A:
  - Pick 3 cards. Make a mystery 3-digit number. Don't show your partner!
  - Give your partner a clue. Use the sentences below or make up your own.
- Partner B:
  - Guess your partner's mystery number.
- If Partner B guesses the mystery number, switch roles.
- If Partner B does not guess the mystery number, Partner A gives another clue. Go back and forth until Partner B guesses the mystery number.
- You get 1 point for each clue you were given to identify the mystery number. The player with the lower score after 5 rounds wins.



## Example clues:

- The mystery number has more than \_\_\_\_ hundreds.
- The mystery number has less than \_\_\_\_ ones.
- The mystery number is greater than \_\_\_\_.
- The mystery number is less than \_\_\_\_.
- The mystery number has more hundreds than ones.
- The mystery number has more ones than tens.

1

2

3

4

5

6

7

8

9

1

2

3

4

5

6

7

8

9

0

0

10

10

## Directions:

- Partner A:
  - Pick a number on the gameboard. Don't tell your partner!
  - Give your partner a clue about your mystery number. You can use the vocabulary below to help you give clues, or make up your own.
- Partner B:
  - Guess your partner's mystery number.
- If Partner B guesses the mystery number, switch roles.
- If Partner B does not guess the mystery number, Partner A gives another clue. Go back and forth guessing the number and giving clues until Partner B guesses the mystery number.
- You get 1 point for each clue you were given to help you identify the mystery number. The partner with fewer points after 5 rounds wins.

## Vocabulary:

numerator, denominator, greater than, less than, equivalent, whole, odd, even

|                |                |               |                |
|----------------|----------------|---------------|----------------|
| $\frac{1}{2}$  | $\frac{3}{4}$  | $\frac{4}{6}$ | $\frac{5}{3}$  |
| $\frac{2}{6}$  | $\frac{7}{4}$  | $\frac{3}{2}$ | $\frac{5}{6}$  |
| $\frac{4}{6}$  | $\frac{5}{2}$  | $\frac{6}{6}$ | $\frac{18}{6}$ |
| $\frac{3}{3}$  | $\frac{1}{3}$  | $\frac{2}{2}$ | $\frac{1}{4}$  |
| $\frac{13}{4}$ | $\frac{15}{6}$ | $\frac{2}{3}$ | $\frac{7}{4}$  |

## Directions:

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  - Pick a number on the gameboard. Don't tell your partner!
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- Partner B:
  - Guess your partner's mystery number.
- If Partner B guesses the mystery number, switch roles.
- If Partner B does not guess the mystery number, Partner A gives another clue. Go back and forth guessing the number and giving clues until Partner B guesses the mystery number.
- You get 1 point for each clue you were given to help you identify the mystery number. The partner with fewer points after 5 rounds wins.

## Vocabulary:

numerator, denominator, greater than 1, less than 1, equivalent, factor, multiple, prime, composite, odd, even

|                 |                  |                   |                  |
|-----------------|------------------|-------------------|------------------|
| $\frac{1}{100}$ | $\frac{3}{8}$    | $\frac{105}{100}$ | $\frac{132}{12}$ |
| $\frac{2}{8}$   | $\frac{5}{5}$    | $\frac{42}{100}$  | $\frac{15}{8}$   |
| $\frac{16}{10}$ | $\frac{100}{10}$ | $\frac{16}{100}$  | $\frac{18}{8}$   |
| $\frac{11}{12}$ | $\frac{4}{8}$    | $\frac{2}{12}$    | $\frac{45}{8}$   |
| $\frac{13}{5}$  | $\frac{15}{10}$  | $\frac{60}{100}$  | $\frac{9}{8}$    |

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- Partner A:
  - Pick a number on the gameboard. Don't tell your partner!
  - Give your partner a clue about your mystery number. You can use the vocabulary below, or make up your own.
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  - Guess your partner's mystery number.
- If Partner B guesses the mystery number, switch roles.
- If Partner B does not guess the mystery number, Partner A gives another clue. Go back and forth until Partner B guesses the mystery number.
- You get 1 point for each clue to identify the mystery number. The partner with the lower score after 5 rounds wins.

## Vocabulary:

ones, tens, hundreds, thousands, ten thousands, hundred thousands, greater than, less than, between, 10 times as much, multiple, factor

|         |         |         |         |
|---------|---------|---------|---------|
| 505,505 | 23,849  | 329,192 | 878,830 |
| 7,404   | 63,053  | 149,834 | 2,139   |
| 38,513  | 262,987 | 6,535   | 784,936 |
| 409,281 | 919,675 | 603,146 | 56,350  |
| 31,452  | 8,493   | 591,230 | 334,621 |
| 2,958   | 457,592 | 137,004 | 98,670  |
| 89,067  | 72,540  | 3,587   | 154,239 |
| 753,402 | 662,193 | 376     | 982,415 |
| 123,456 | 1,938   | 158,678 | 21,109  |
| 873,751 | 43,820  | 999,999 | 6,537   |

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  - Guess your partner's mystery number.
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## Vocabulary:

thousandths, hundredths, tenths, ones, tens, hundreds, thousands, ten thousands, hundred thousands, greater than, less than, between, 10 times as much,  $\frac{1}{10}$  as much

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| 5,055.05  | 2,384.901 | 329.192   | 8,788.30  |
| 7,404.361 | 263,059.1 | 14,874.58 | 2,139.825 |
| 38,513.92 | 262,987.5 | 6,535.803 | 784,936.6 |
| 49,281.74 | 919,675.3 | 60,146.09 | 76,350.68 |
| 31,452.34 | 1,345.03  | 591,230.3 | 35,621.72 |
| 892.508   | 47,592.98 | 137.04    | 98,670.88 |
| 9,067.213 | 72,540.11 | 3,517.27  | 154,239.6 |
| 754.402   | 66,293.41 | 3,762.893 | 82,415.86 |
| 123,456.4 | 1,938.823 | 58,678.99 | 1,109.222 |
| 83,751.72 | 40,820.6  | 9,999.98  | 6,537.28  |