Mystery Number Riddles: Decimals, Set B

Name: _____

Grades 4 and 5 · Read every clue. Each one helps you find the number.

Mystery Number B1

- I am a decimal number.
- The digit in my ones place is the number of days in a week.
- My tenths digit is 2.
- My hundredths digit is 6 more than my tenths digit.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number B2

- I am a decimal number.
- I am more than 4 but less than 5.
- My hundredths digit is 0.
- My digits add up to 10.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number B3 ☆

- I am a decimal number.
- Rounded to the nearest whole number, I am 6.
- My tenths digit is 3.
- My digits add up to 15.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number B4

- I am a decimal number.
- My ones digit and my tenths digit are the same.
- My hundredths digit is 1.
- My digits add up to 9.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number B5 ☆

- I am a decimal number.
- I have 15 tenths in all.
- The digit in my hundredths place is the number of legs on a spider.

I am: ☐ . ☐ ☐

ones tenths hundredths

Make Your Own

Write clues for a friend. Fold under on the dashes.

_____

_____

_____

_____

My secret number: ☐ . ☐ ☐

ones tenths hundredths

☆ A star marks a harder riddle.

Mystery Number Riddles: Decimals, Set B (Answer Key)

Grades 4 and 5 · Read every clue. Each one helps you find the number.

Mystery Number B1

- I am a decimal number.
- The digit in my ones place is the number of days in a week.
- My tenths digit is 2.
- My hundredths digit is 6 more than my tenths digit.

I am: 7 . 2 8

ones tenths hundredths

Mystery Number B2

- I am a decimal number.
- I am more than 4 but less than 5.
- My hundredths digit is 0.
- My digits add up to 10.

I am: 4 . 6 0

ones tenths hundredths

Mystery Number B3 ☆

- I am a decimal number.
- Rounded to the nearest whole number, I am 6.
- My tenths digit is 3.
- My digits add up to 15.

I am: 6 . 3 6

ones tenths hundredths

Mystery Number B4

- I am a decimal number.
- My ones digit and my tenths digit are the same.
- My hundredths digit is 1.
- My digits add up to 9.

I am: 4 . 4 1

ones tenths hundredths

Mystery Number B5 ☆

- I am a decimal number.
- I have 15 tenths in all.
- The digit in my hundredths place is the number of legs on a spider.

I am: 1 . 5 8

ones tenths hundredths

Make Your Own

Answers will vary.

_____

_____

_____

_____

My secret number: ☐ . ☐ ☐

ones tenths hundredths

☆ A star marks a harder riddle.