Mystery Number Riddles: Decimals, Set A

Name: _____

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

Mystery Number A1

- I am a decimal number.
- My ones digit is 3.
- My tenths digit is 2 more than my ones digit.
- My digits add up to 17.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number A2

- I am a decimal number.
- I am more than 6 but less than 7.
- My tenths digit and my hundredths digit are the same.
- My digits add up to 14.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number A3 ☆

- I am a decimal number.
- Rounded to the nearest whole number, I am 2.
- My tenths digit is 7.
- My tenths digit is 1 more than my hundredths digit.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number A4

- I am a decimal number.
- The digit in my ones place is the number of arms on an octopus.
- My tenths digit is 0.
- The digit in my hundredths place is the number of sides on a pentagon.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number A5

- I am a decimal number.
- I am less than 1.
- My tenths digit is 4.
- My hundredths digit is double my tenths digit.

I am: ☐ . ☐ ☐

ones tenths hundredths

Mystery Number A6 ☆

- I am a decimal number.
- I have 93 tenths in all.
- My digits add up to 15.

I am: ☐ . ☐ ☐

ones tenths hundredths

☆ A star marks a harder riddle.

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

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

Mystery Number A1

- I am a decimal number.
- My ones digit is 3.
- My tenths digit is 2 more than my ones digit.
- My digits add up to 17.

I am: 3 . 5 9

ones tenths hundredths

Mystery Number A2

- I am a decimal number.
- I am more than 6 but less than 7.
- My tenths digit and my hundredths digit are the same.
- My digits add up to 14.

I am: 6 . 4 4

ones tenths hundredths

Mystery Number A3 ☆

- I am a decimal number.
- Rounded to the nearest whole number, I am 2.
- My tenths digit is 7.
- My tenths digit is 1 more than my hundredths digit.

I am: 1 . 7 6

ones tenths hundredths

Mystery Number A4

- I am a decimal number.
- The digit in my ones place is the number of arms on an octopus.
- My tenths digit is 0.
- The digit in my hundredths place is the number of sides on a pentagon.

I am: 8 . 0 5

ones tenths hundredths

Mystery Number A5

- I am a decimal number.
- I am less than 1.
- My tenths digit is 4.
- My hundredths digit is double my tenths digit.

I am: 0 . 4 8

ones tenths hundredths

Mystery Number A6 ☆

- I am a decimal number.
- I have 93 tenths in all.
- My digits add up to 15.

I am: 9 . 3 3

ones tenths hundredths

☆ A star marks a harder riddle.