

Year 5

Week 11

Lesson 4 – writing decimals

Challenge 1 part 1

Write the fraction out in words.

1. 2.53

2. 4.67

3. 8.97

4. 1.23

5. 6.56

6. 7.56

Challenge 1 part 2

Write out the decimal below in its number form.

1. Four point three two five.

2. Zero point two one seven.

3. Sixteen point one two five nine.

4. Forty point three four five.

5. Nine point two five seven one.

6. Three point three five three .

Challenge 2

Match up each answer correctly

There is a 1 in the tenths column.

7.659

There is a 9 in the tenths column.

3.457

There is a 5 in the hundredths column.

3.15

There is a 7 in the thousandths column.

5.934

There is a 6 in the tenths column.

3.450

There is a 2 in the hundredths column.

3.321

There is a 1 in the thousandths column.

99.325

Challenge 3

For each decimal, give the value of the digit that is in **bold**.

a) 3.6**5**2 _____

b) 3.**6**5 _____

c) 7.**8**52 _____

d) 3.**4**7 _____

e) 2.**8** _____

f) 9.**2**57 _____

Challenge 4

Follow the clues to work out what the decimal is.

1. My number has 4 digits, the digit 4 represents 4 tenths. There is one number before the decimal place in the ones column that represents 5. My digit in the hundredths column is a 2 and in the thousandths column it is a 9. What does my decimal look like?

Your answer

2. My number has 4 digits, the digit 7 represents the 7 hundredths. There are 2 numbers before the decimal point which represent 2 in the tens and 5 in the ones. Finally, in my tenths column is 5. What does my decimal look like?

Your answer