

Year 4: Hundredths and place value: answers

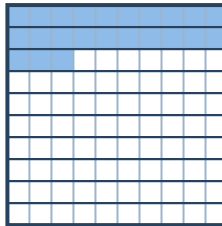
Year 4 - Tenth, Hundredths and Money - Lesson 6.2

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch06-decimals-money/hundredths-and-place-value/

Exercise 6B Hundredths and place value Non-calculator

1 What decimal is shaded in each hundred square?

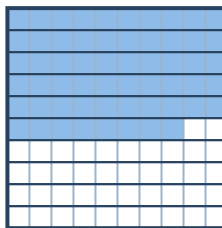
(a)



Decimal =

Answer: 0.23

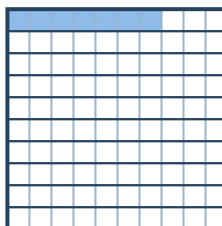
(b)



Decimal =

Answer: 0.58

(c)



Decimal =

Answer: 0.07

2 Quick-fire! Write each fraction as a decimal.

(a) $\frac{9}{100} =$

Answer: 0.09

(b) $\frac{45}{100} =$

Answer: 0.45

(c) $\frac{70}{100} =$

Answer: 0.70

(d) $\frac{3}{100} =$

Answer: 0.03

(e) $\frac{99}{100} =$

Answer: 0.99

(f) $\frac{12}{100} =$

Answer: 0.12

3 Write each decimal as a fraction.

(a) 0.21 =

Answer: $\frac{21}{100}$

(b) 0.08 =

Answer: $\frac{8}{100}$

(c) 0.60 =

Answer: $\frac{60}{100}$

(d) 0.99 =

Answer: $\frac{99}{100}$

(e) 0.35 =

Answer: $\frac{35}{100}$

(f) 0.04 =

Answer: $\frac{4}{100}$

4 Write the number shown in each place-value chart.

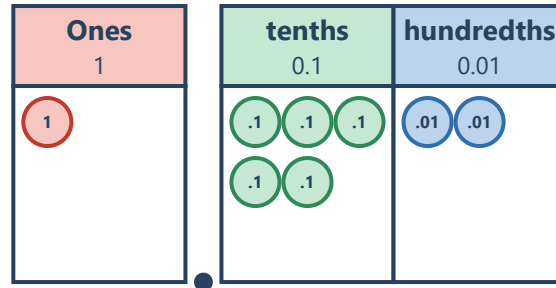
(a)

Ones 1	tenths 0.1	hundredths 0.01
	.1 .1 .1	.01 .01 .01 .01

Number =

Answer: 0.34

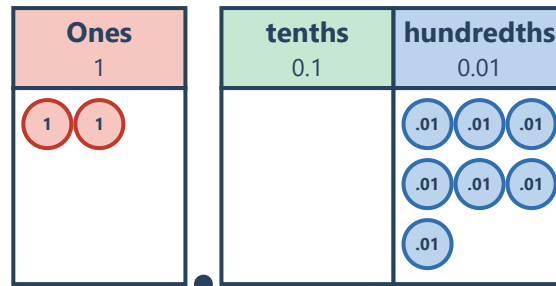
(b)



Number =

Answer: 1.52

(c)



Number =

Answer: 2.07

5 Write each number as a decimal.

(a) 4 ones, 2 tenths and 6 hundredths =

Answer: 4.26

(b) 0 ones, 0 tenths and 9 hundredths =

Answer: 0.09

(c) 7 ones, 0 tenths and 5 hundredths =

Answer: 7.05

(d) 2 ones, 9 tenths and 1 hundredth =

Answer: 2.91

(e) 0 ones, 6 tenths and 0 hundredths =

Answer: 0.60

6 What is the value of the underlined digit? Write the digit and its value.

(a) 3.47

Answer: 7 hundredths (0.07)

(b) 5.82

Answer: 8 tenths (0.8)

(c) 0.91

Answer: 9 tenths (0.9)

(d) 6.05

Answer: 5 hundredths (0.05)

(e) 7.28

Answer: 7 ones (7)

(f) 12.34

Answer: 1 ten (10)

7 Write the digit in the column asked for.

(a) The tenths digit of 6.72 is

Answer: 7

(b) The hundredths digit of 0.58 is

Answer: 8

(c) The tenths digit of 9.04 is

Answer: 0

(d) The hundredths digit of 3.19 is

Answer: 9

8 Split each number into the value of its digits. For example, $2.31 = 2 + 0.3 + 0.01$.

(a) 3.45 =

Answer: $3 + 0.4 + 0.05$

(b) 6.08 =

Answer: $6 + 0.08$

(c) 0.72 =

Answer: $0.7 + 0.02$

9 Count in hundredths. Write the missing numbers.

(a) 0.04, 0.05, , 0.07, 0.08,

Answer: 0.06, 0.09

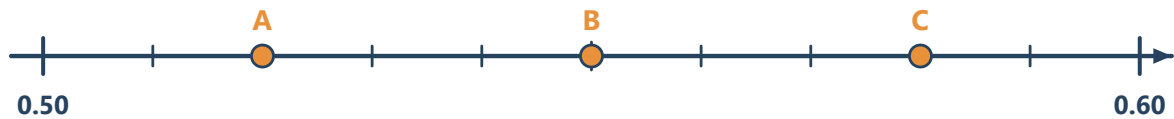
(b) 0.97, 0.98, , 1.00, , 1.02

Answer: 0.99, 1.01

(c) 0.13, 0.12, , 0.10, , 0.08

Answer: 0.11, 0.09

10 The number line goes from 0.5 to 0.6. Write each point as a decimal.



(a) A =

Answer: 0.52

(b) B =

Answer: 0.55

(c) C =

Answer: 0.58

11 How many hundredths are there in each number?

(a) 0.3 = hundredths

Answer: 30

(b) 0.8 = hundredths

Answer: 80

(c) 1.5 = hundredths

Answer: 150

(d) 2.04 = hundredths

Answer: 204

12 1 cm is one hundredth of a metre. Write each length in metres as a decimal.

(a) 17 cm =

Answer: 0.17 m

(b) 4 cm =

Answer: 0.04 m

(c) 85 cm =

Answer: 0.85 m

13 Mia says, "0.5 and 0.05 are the same number." Is she right? Use a hundred square to explain.

Answer: No. 0.5 is ten times bigger than 0.05

14 I am a number between 0.3 and 0.4. My hundredths digit is double my tenths digit. What number am I?

Answer: 0.36