

Year 4: Tenths as decimals: answers

Year 4 - Tenths, Hundredths and Money - Lesson 6.1

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/tenths-as-decimals/

Exercise 6A Tenths as decimals Non-calculator

1 What decimal is shaded in each bar?

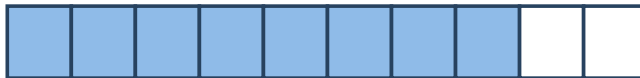
(a)



Decimal =

Answer: 0.3

(b)



Decimal =

Answer: 0.8

(c)



Decimal =

Answer: 0.5

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

(a) $\frac{2}{10} =$

Answer: 0.2

(b) $\frac{5}{10} =$

Answer: 0.5

(c) $\frac{9}{10} =$

Answer: 0.9

(d) $\frac{1}{10} =$

Answer: 0.1

(e) $\frac{7}{10} =$

Answer: 0.7

(f) $\frac{4}{10} =$

Answer: 0.4

3 Write each decimal as a fraction.

(a) 0.3 =

Answer: $\frac{3}{10}$

(b) 0.7 =

Answer: $\frac{7}{10}$

(c) 0.1 =

Answer: $\frac{1}{10}$

(d) 0.9 =

Answer: $\frac{9}{10}$

(e) 0.6 =

Answer: $\frac{6}{10}$

(f) 0.4 =

Answer: $\frac{4}{10}$

4 Write each mixed number as a decimal.

(a) $1 \frac{4}{10} =$

Answer: 1.4

(b) $3 \frac{7}{10} =$

Answer: 3.7

(c) $2 \frac{1}{10} =$

Answer: 2.1

(d) $5 \frac{9}{10} =$

Answer: 5.9

5 Write each decimal as a mixed number.

(a) 1.5 =

Answer: $1 \frac{5}{10}$

(b) $3.2 =$

Answer: $3 \frac{2}{10}$

(c) $4.8 =$

Answer: $4 \frac{8}{10}$

(d) $2.7 =$

Answer: $2 \frac{7}{10}$

6 The number line goes from 0 to 1. Write each point as a decimal.



(a) $A =$

Answer: 0.2

(b) $B =$

Answer: 0.6

(c) $C =$

Answer: 0.9

7 Count on in tenths. Write the missing numbers.

(a) 0.2, 0.3, 0.5, 0.7

Answer: 0.4, 0.6

(b) 0.7, 0.9, 1.0, 1.2

Answer: 0.8, 1.1

(c) 1.4, 1.5, 1.6, 1.8, 2.0

Answer: 1.7, 1.9

8 Count back in tenths. Write the missing numbers.

(a) 0.9, 0.8, 0.6, 0.4

Answer: 0.7, 0.5

(b) 1.3, 1.1, 0.9, 0.8

Answer: 1.2, 1.0

(c) 2.1, 2.0, 1.8, 1.7, 1.5

Answer: 1.9, 1.6

9 How many tenths are there in each number?

(a) $0.6 = \boxed{?}$ tenths

Answer: 6

(b) $1.3 = \boxed{?}$ tenths

Answer: 13

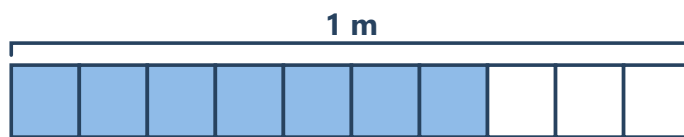
(c) $2.5 = \boxed{?}$ tenths

Answer: 25

(d) $4.1 = \boxed{?}$ tenths

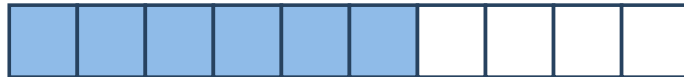
Answer: 41

- 10** Aisha cuts a 1 m ribbon into 10 equal pieces. She uses 7 of the pieces. What length of ribbon does she use? Give your answer in metres as a decimal.



Answer: 0.7 m

- 11** A race is 10 laps long. Tom has run 6 laps.



- (a) What decimal of the race has Tom run?

Answer: 0.6

- (b) What decimal of the race is left?

Answer: 0.4

- 12** Which is the odd one out? 0.3 $\frac{3}{10}$ 0.03 three tenths. Explain.

Answer: 0.03

- 13** Leo says, " $\frac{3}{10} = 3.10$." What mistake has Leo made? Write $\frac{3}{10}$ as a decimal correctly.

Answer: 0.3

- 14** I am a decimal between 2 and 3. My tenths digit is double my ones digit. What decimal am I?

Answer: 2.4