

Year 4: Tenths and hundredths: answers

Year 4 - Fractions - Lesson 5.7

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/ch05-fractions/tenths-and-hundredths/

Exercise 5G Tenths and hundredths Non-calculator

1 What fraction of each bar is shaded?

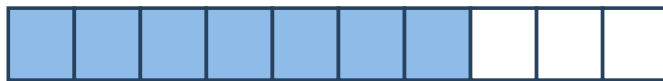
(a)



Fraction shaded =

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

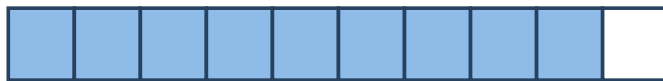
(b)



Fraction shaded =

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

(c)

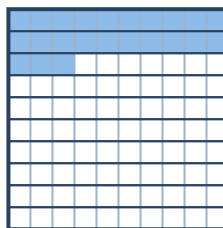


Fraction shaded =

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

2 What fraction of each hundred square is shaded?

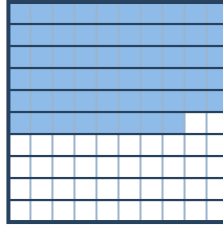
(a)



Fraction shaded =

Answer: $\frac{23}{100}$

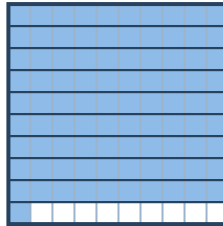
(b)



Fraction shaded =

Answer: $\frac{58}{100}$

(c)



Fraction shaded =

Answer: $\frac{91}{100}$

3 Count on in tenths. Write the missing numbers.

(a) $\frac{3}{10}$, $\frac{4}{10}$, $\boxed{?}$, $\frac{6}{10}$, $\boxed{?}$, $\frac{8}{10}$, $\frac{9}{10}$

Answer: $\frac{5}{10}$, $\frac{7}{10}$

(b) $\frac{7}{10}$, $\frac{8}{10}$, $\frac{9}{10}$, $\boxed{?}$, $1\frac{1}{10}$, $\boxed{?}$, $1\frac{3}{10}$

Answer: 1 , $1\frac{2}{10}$

(c) $\frac{4}{10}$, $\frac{6}{10}$, $\frac{8}{10}$, $\boxed{?}$, $1\frac{2}{10}$, $\boxed{?}$

Answer: 1 , $1\frac{4}{10}$

4 Count back in tenths. Write the missing numbers.

(a) $\frac{9}{10}$, $\frac{8}{10}$, $\boxed{?}$, $\frac{6}{10}$, $\frac{5}{10}$, $\boxed{?}$, $\frac{3}{10}$

Answer: $\frac{7}{10}$, $\frac{4}{10}$

(b) $1\frac{4}{10}$, $\boxed{?}$, $1\frac{2}{10}$, $1\frac{1}{10}$, $\boxed{?}$, $\frac{9}{10}$, $\frac{8}{10}$

Answer: $1\frac{3}{10}$, 1

(c) $1\frac{6}{10}$, $1\frac{4}{10}$, $1\frac{2}{10}$, $\boxed{?}$, $\frac{8}{10}$, $\boxed{?}$

Answer: 1 , $\frac{6}{10}$

5 Count in hundredths. Write the missing numbers.

(a) $\frac{97}{100}, \frac{98}{100}, \boxed{?}, 1, \boxed{?}, 1\frac{2}{100}$

Answer: $\frac{99}{100}, 1\frac{1}{100}$

(b) $\frac{6}{100}, \boxed{?}, \frac{4}{100}, \boxed{?}, \frac{2}{100}, \frac{1}{100}$

Answer: $\frac{5}{100}, \frac{3}{100}$

6 The number line goes from 0 to 2 in tenths. Write each point as a mixed number or a fraction.



(a) A =

Answer: $1\frac{3}{10}$

(b) B =

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

(c) C =

Answer: $1\frac{9}{10}$

7 Quick-fire! Change tenths into hundredths.

(a) $\frac{1}{10} = \frac{\boxed{?}}{100}$

Answer: 10

(b) $\frac{3}{10} = \frac{\boxed{?}}{100}$

Answer: 30

(c) $\frac{7}{10} = \frac{\boxed{?}}{100}$

Answer: 70

(d) $\frac{9}{10} = \frac{\boxed{?}}{100}$

Answer: 90

(e) $\frac{5}{10} = \frac{\boxed{?}}{100}$

Answer: 50

(f) $\frac{2}{10} = \frac{\boxed{?}}{100}$

Answer: 20

8 Change these hundredths into tenths.

(a) $\frac{40}{100} = \frac{?}{10}$

Answer: 4

(b) $\frac{70}{100} = \frac{?}{10}$

Answer: 7

(c) $\frac{20}{100} = \frac{?}{10}$

Answer: 2

(d) $\frac{90}{100} = \frac{?}{10}$

Answer: 9

9 Find the amounts.

(a) $\frac{1}{10}$ of 80 =

Answer: 8

(b) $\frac{3}{10}$ of £50 =

Answer: £15

(c) $\frac{7}{10}$ of 90 g =

Answer: 63 g

(d) $\frac{9}{10}$ of 40 m =

Answer: 36 m

10 A water tank holds 100 litres when it is full. It is $\frac{7}{10}$ full. A box has 100 stickers. $\frac{3}{10}$ of the stickers are gold.

(a) How many litres of water are in the tank?

Answer: 70 litres

(b) How many stickers are gold?

Answer: 30

11 Aisha says, “ $\frac{1}{100}$ is bigger than $\frac{1}{10}$, because 100 is bigger than 10.” Is Aisha right? Explain.

Answer: No. $\frac{1}{10}$ is bigger

12 Compare and order fractions with different bottom numbers.

(a) Which is bigger, $\frac{7}{10}$ or $\frac{60}{100}$?

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

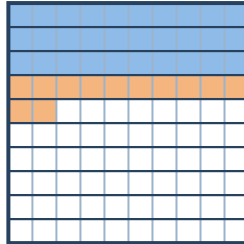
(b) Smallest first: $\frac{3}{10}$, $\frac{25}{100}$, $\frac{4}{10}$

Answer: $\frac{25}{100}$, $\frac{3}{10}$, $\frac{4}{10}$

13 Show that $\frac{4}{10}$ is the same as $\frac{40}{100}$. Use a hundred square to help you.

Answer: $\frac{40}{100}$

14 Mei shades $\frac{3}{10}$ of a hundred square blue and $\frac{12}{100}$ red. What fraction of the hundred square is **not** shaded?



Answer: $\frac{58}{100}$