

Year 4: Halves, quarters and three quarters: worksheet

Year 4 - Tenths, Hundredths and Money - Lesson 6.3

Name: _____

Date: _____

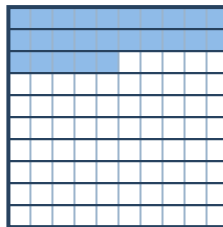
Score: _____

14 questions. Write your answers in the spaces. Answers and step-by-step help are free at websink.site/ks2-sats/maths/year-4/ch06-decimals-money/halves-quarters-and-three-quarters/

Exercise 6C Halves, quarters and three quarters Non-calculator

1 The hundred squares are shaded. Write the decimal that is shaded.

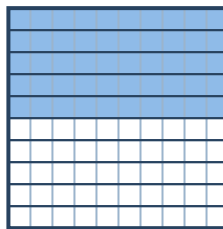
(a)



Decimal =

Answer:

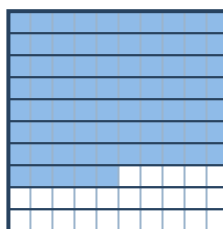
(b)



Decimal =

Answer:

(c)



Decimal =

Answer:

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

(a) $\frac{1}{2} =$

Answer:

(b) $\frac{3}{4} =$

Answer:

(c) $\frac{1}{4} =$

Answer:

(d) $\frac{2}{4} =$

Answer:

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

Answer:

(f) $\frac{25}{100} =$

Answer:

3 Write each decimal as a fraction. Give each answer in its simplest form.

(a) $0.5 =$

Answer:

(b) $0.25 =$

Answer:

(c) $0.75 =$

Answer:

(d) $0.1 =$

Answer:

(e) $0.01 =$

Answer:

(f) $0.50 =$

Answer:

4 Write each mixed number as a decimal.

(a) $2\frac{1}{2} =$

Answer:

(b) $3\frac{3}{4} =$

Answer:

(c) $1\frac{1}{4} =$

Answer:

(d) $6\frac{1}{2} =$

Answer:

5 Write each decimal as a mixed number.

(a) $2.5 =$

Answer:

(b) $4.75 =$

Answer:

(c) $1.25 =$

Answer:

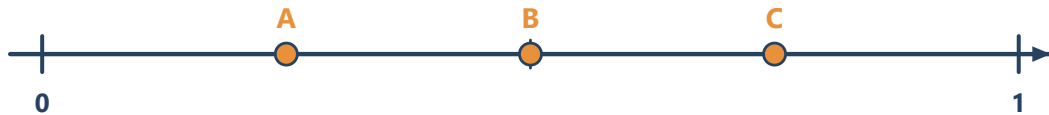
(d) $7.5 =$

Answer:

(e) $3.25 =$

Answer:

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



(a) $A =$

Answer:

(b) $B =$

Answer:

(c) $C =$

Answer:

7 Write each measure as a decimal.

(a) $\frac{1}{2}$ m =

Answer:

(b) $\frac{3}{4}$ kg =

Answer:

(c) $1\frac{1}{4}$ litres =

Answer:

(d) $2\frac{1}{2}$ km =

Answer:

8 Work out each fraction of the money. Give your answers in pounds.

(a) $\frac{1}{2}$ of £1 =

Answer:

(b) $\frac{1}{4}$ of £2 =

Answer:

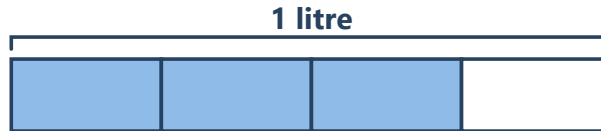
(c) $\frac{3}{4}$ of £4 =

Answer:

(d) $\frac{1}{2}$ of £5 =

Answer:

- 9 Priya pours 1 litre of juice into 4 equal glasses.



- (a) What fraction of a litre is in each glass? Write it as a decimal.

Answer:

- (b) She drinks 3 of the glasses. What decimal of a litre is that?

Answer:

- 10 A rope is $2\frac{3}{4}$ m long. Zara cuts off 1 m.

- (a) Write the length of the rope as a decimal.

Answer:

- (b) How long is the rope now? Give your answer as a decimal.

Answer:

- 11 Tom says, " $\frac{1}{4} = 0.4$, because there is a 4 on the bottom." Is Tom right? Explain.

Answer:

- 12 Match each fraction to its decimal. A $\frac{1}{2}$ B $\frac{3}{4}$ C $\frac{1}{4}$ D $\frac{1}{10}$

Decimals: 0.1 0.25 0.5 0.75

Answer:

- 13 Which is the odd one out? 0.5 $\frac{5}{10}$ $\frac{1}{2}$ 0.05. Explain.

Answer:

- 14 I am a fraction with 4 on the bottom. I am more than 0.5 and less than 1. What fraction am I? Write me as a decimal too.

Answer: