Monday 11th May 2020

Decimals: Making a whole ANSWERS

1

a) How many hundredths are shaded? 27

b) How many more hundredths do you need to shade so that the whole hundred square is shaded? 73

c) Complete the sentence.

27 hundredths + 73 hundredths = 1 whole

2

Complete the sentences.

a) 62 hundredths are on the left.

b) 38 hundredths are on the right.

c) 0·62 + 0·38 = 1

3

a) 1 tenth = 10 hundredths

b) $\frac{2}{10} = \frac{20}{100}$

c) 70 hundredths = 7 tenths

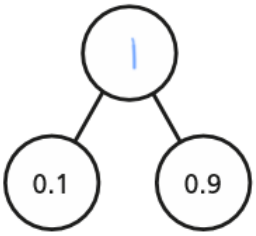
d) 32 hundredths = 0·32

e) 0.4 = 4 tenths

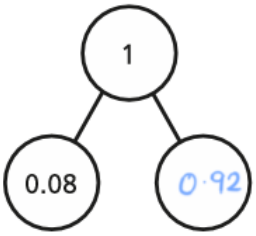
f) 50 hundredths = 0·5

4

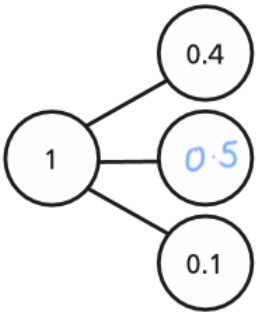
a)



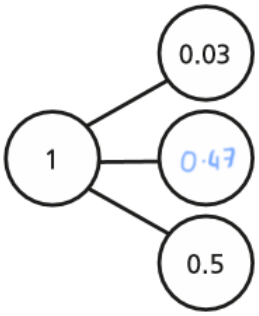
c)



b)



d)



5

Fill in the missing numbers.

a) 0.1 + [0·9] = 1

b) [0·99] + 0.01 = 1

c) 0.03 + [0·97] = 1

d) 0.15 + 0.64 + [0·21] = 1

e) 0.15 + [0·2] + 0.65 = 1

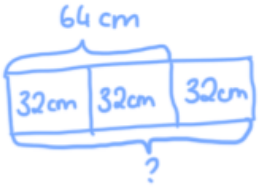
f) [0·46] + 0.04 + 0.5 = 1

CHALLENGES

Two identical bead strings have a total length of 64 cm.

Would the total length of three of these bead strings be longer or shorter than a metre? Shorter

Explain how you know.



64 ÷ 2 = 32

1 bead string is 0·32 m

3 × 0·32 = 0·96 m 0·96 m < 1 m

$\frac{6}{10}$	$\frac{19}{100}$	0.2	0.5	$\frac{8}{10}$	0.01	$\frac{30}{100}$	0.4

Use the number cards to make each calculation correct.

You can use each number once only.

$\frac{6}{10}$ + 0·4 = 1

$\frac{8}{10}$ + $\frac{19}{100}$ + 0·01 = 1

0·5 + 0·2 + $\frac{30}{100}$ = 1