

Brad has made some mistakes with his homework. Can you find them?

NAME Brad

1) Complete:

- a) 0.5 is 5 tenths
 b) 0.32 is 32 tenths
 c) 0.04 is 4 hundredths
 d) 0.041 is 41 hundredths

2) Shade 0.4 of this bar:



3) Continue these sequences:

- a) 0.7, 0.8, 0.9, 0.10, 0.11, 0.12
 b) 0.34, 0.33, 0.32, 0.31, 0.30, 0.29
 c) 2.96, 2.97, 2.98, 2.99, 2.100, 2.101

4) Circle the smallest number:

- a) 0.8 0.5 0.01
 b) 2.3 2.09 2.16
 c) 3.273 3.59 3.4

5) Find the answers:

- a) $0.35 + 2.14 = \underline{2.49}$
 b) $7.2 + 8.9 = \underline{15.11}$
 c) $3.08 + 2.06 = \underline{5.014}$

6) Put < or > or = in the boxes and then say why

(Remember: < means *less than*, > means *greater than*, and = means *is equal to*)

- a) 0.3 0.4 3 tenths < 4 tenths
 b) 0.1 0.10 1 tenth < 10 tenths
 c) 0.27 0.9 27 tenths > 9 tenths
 d) 0.06 0.4 hundredths smaller than tenths

7) Think about 0.6 and 0.72 then write something in each box:

How are they the same? How are they different?

Both are tenths	72 is much bigger than 6.
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Brad spent a lot of time on his homework and didn't rush. He thought carefully about each question before writing his answer. Can you work out what he was thinking? How would you explain decimal numbers to Brad so that he could understand?