Name: .... Class: ....

Convert decimals between standard and expanded form

a. What is the standard decimal form of
$10 \times 1 + 6 \times 0.001$

What is the standard decimal form of the following expressions. Tick the correct answer

b. $7 \times 1 + 5 \times 0.1$

☐ 7.05 ☐ 12.1 ☐ 5.7 ☐ 7.5

c. $1 \times 4 + 8 \times 1 + 2 \times 0.001$

☐ 12.002 ☐ 8.008 ☐ 16.004 ☐ 32.002

d. $10 \times 0.2 + 5 \times 0.01$

☐ 2.05 ☐ 2.06 ☐ 2.07 ☐ 2.04

e. $1 \times 9 + 2 \times 1 + 6 \times 0.001$

☐ 11.06 ☐ 11.6 ☐ 11.006 ☐ 11.0

f. $7 \times 0.001 + 6 \times 0.001 + 10 \times 1$

☐ 10.013 ☐ 10.0 ☐ 10.01 ☐ 10

g. $1 \times 2 + 1 \times 0.1$

☐ 1.2 ☐ 1.02 ☐ 2.01 ☐ 2.1

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Name: .... Class: ....

Convert decimals between standard and expanded form

a. What is the standard decimal form of

10 x 1 + 6 x 0.001

To solve this, let's separate the expression into two parts and then evaluate.

(10 x 1) + (6 x 0.001) = (10) + (0.006)

= (10 + 0.006)

= 10.006

So, the standard decimal form is 10 .006

What is the standard decimal form of the following expressions. Tick the correct answer

b. 7 x 1 + 5 x 0.1

☐ 7.05 ☐ 12.1 ☐ 5.7 ☑ 7.5

c. 1 x 4 + 8 x 1 + 2 x 0.001

☑ 12.002 ☐ 8.008 ☐ 16.004 ☐ 32.002

d. 10 x 0.2 + 5 x 0.01

☑ 2.05 ☐ 2.06 ☐ 2.07 ☐ 2.04

e. 1 x 9 + 2 x 1 + 6 x 0.001

☐ 11.06 ☐ 11.6 ☑ 11.006 ☐ 11.0

f. 7 x 0.001 + 6 x 0.001 + 10 x 1

☑ 10.013 ☐ 10.0 ☐ 10.01 ☐ 10

g. 1 x 2 + 1 x 0.1

☐ 1.2 ☐ 1.02 ☐ 2.01 ☑ 2.1