

QUESTION 1 Write the following decimal numbers in expanded form.

	Hundreds	Tens	Units	.	Tenths	Hundredths	Thousandths
a		1	5	.	8		
b		6	3	.	4	7	
c	2	5	7	.	5	9	
d			9	.	3	6	2
e	4	3	8	.	0	0	5
f	7	0	9	.	2	0	7

a _____

 b _____

c _____
 d _____
 e _____
 f _____

QUESTION 2 Write the following as decimal numbers.

- a seven-tenths = _____ b nine-hundredths = _____
 c six and three-hundredths = _____
 d nine hundred and seventeen and three-thousandths = _____
 e $8 + 6 \text{ tenths} + 7 \text{ hundredths} =$ _____

QUESTION 3 Write the following in expanded form.

- a $3.689 =$ _____
 b $69.305 =$ _____
 c $0.837 =$ _____

QUESTION 4 Write the following in decimal form.

- a $8 + \frac{3}{10} =$ _____ b $4 \times 10 + 5 \times 1 + 9 \times \frac{1}{10} + 6 \times \frac{1}{100} =$ _____
 c $9 \times 100 + 5 \times 10 + 7 \times 1 + 7 \times \frac{1}{10} + 6 \times \frac{1}{1000} =$ _____

QUESTION 5 Write the next three terms to complete the following.

- a 0.2, 0.5, 0.8, _____, _____, _____
 b 0.32, 0.34, 0.36, _____, _____, _____
 c 0.510, 0.514, 0.518, _____, _____, _____

QUESTION 6 Complete each sentence.

- a 83.67: the 6 in the _____ place means _____.
 b 6.375: the 7 in the _____ place means _____.
 c 9.678: the 9 in the _____ place means _____.
 d 95.62: the 9 in the _____ place means _____.

QUESTION 3 Arrange the following numbers in ascending order (smallest to largest).

- a 0.404, 0.44, 0.4, 0.04 _____
- b 9.09, 0.909, 0.900, 0.009 _____
- c 2.3, 2.03, 2.33, 2.003 _____
- d 5.6, 56, 0.56, 0.056 _____
- e 6.06, 606, 60.66, 606.6 _____

QUESTION 6 Complete the following using the signs $<$, $=$ or $>$.

- a 0.2 _____ 0.23 b 0.303 _____ 0.003 c 46.35 _____ 46.53
- d 5.23 _____ 5.32 e 8.2 _____ 8.20 f 8.609 _____ 8.607
- g 0.77 _____ 0.077 h 6.40 _____ 6.4000

QUESTION 1 Which of the following are recurring decimals and which are terminating decimals?

- a 0.375 _____ b 0.666... _____ c 0.5 _____
- d $0.\dot{3}$ _____ e 5.84 _____ f 0.454 545... _____
- g 0.5777... _____ h 0.6632 _____ i 0.593 33... _____

QUESTION 2 Write the following recurring decimals in the shorter way.

- a 0.6666... _____ b 0.454 545... _____ c 0.818 181 81... _____
- d 0.1111... _____ e 0.313 131... _____ f 0.777 77... _____
- g 0.121 212... _____ h 0.545 454... _____ i 0.8888... _____