

Name: _____.

LO: Decimal sequences - Hard

Look at the sequence you have been given, add the next 3 numbers in the sequence and write the rule for each one.

- a) 1.5 2.0 2.5 3.0 _____ _____ _____
- b) 0.4 0.8 1.2 1.6 _____ _____ _____
- c) 4.4 5.4 6.4 7.4 _____ _____ _____
- d) 2.3 2.6 2.9 3.2 _____ _____ _____
- e) 5.9 6.2 6.5 6.8 _____ _____ _____
- f) 8.5 8.0 7.5 7.0 _____ _____ _____
- g) 6.0 5.4 4.8 4.2 _____ _____ _____
- h) 2.7 2.4 2.1 1.8 _____ _____ _____
- i) 14.9 13.9 12.9 11.9 _____ _____ _____
- j) 6.8 6.6 6.4 6.2 _____ _____ _____

With these next questions not all of the missing numbers are at the end of the sequence. Take care!

- k) _____ 2.6 3.1 3.6 _____ 4.6 5.1 _____
- l) 5.9 _____ 5.5 5.3 _____ 4.9 4.7 _____
- m) 3.3 3.6 _____ _____ 4.5 4.8 5.1 _____
- n) _____ 9.4 8.9 _____ 7.9 7.4 _____ 6.4
- o) 8.4 _____ 7.6 7.2 6.8 6.4 _____ _____

Name: _____.

LO: Decimal sequences - Harder

Look at the sequence you have been given, add the next 3 numbers in the sequence and write the rule for each one.

- a) 1.6 2.1 2.6 3.1 _____ _____ _____
- b) 0.7 1.1 1.5 1.9 _____ _____ _____
- c) 24.3 25.3 26.3 27.3 _____ _____ _____
- d) 2.6 3.3 4.0 4.7 _____ _____ _____
- e) 5.9 6.7 7.5 8.3 _____ _____ _____
- f) 8.8 7.9 7.0 6.1 _____ _____ _____
- g) 6.4 6.1 5.8 5.5 _____ _____ _____
- h) 12.7 12.1 11.5 10.9 _____ _____ _____
- i) 6.9 5.9 4.9 3.9 _____ _____ _____
- j) 46.9 46.2 45.5 44.8 _____ _____ _____

With these next questions not all of the missing numbers are at the end of the sequence. Take care!

- k) _____ 1.6 2.5 3.4 _____ 5.2 6.1 _____
- l) _____ 9.9 9.2 _____ _____ 7.1 6.4 5.7
- m) 10.6 10.3 _____ _____ 9.4 9.1 _____ _____
- n) _____ 69.4 68.9 _____ 67.9 67.4 _____ 66.4
- o) 18.4 _____ 16.6 15.7 _____ 13.9 13 _____ _____

LO: Decimal sequences - Hardest

Look at the sequence you have been given, add the next 3 numbers in the sequence and write the rule for each one.

- a) 0.6 1.1 1.6 2.1 _____ _____ _____
- b) 9.7 10.1 10.5 10.9 _____ _____ _____
- c) 7.5 8.3 9.1 9.9 _____ _____ _____
- d) 0.36 0.31 0.26 0.21 _____ _____ _____
- e) 6.4 6.38 6.36 6.34 _____ _____ _____
- f) 4.81 4.21 3.61 3.01 _____ _____ _____
- g) 6.01 5.01 4.01 3.01 _____ _____ _____
- h) 46.9 46.2 45.5 44.8 _____ _____ _____

With these next questions not all of the missing numbers are at the end of the sequence. Take care!

- i) _____ 1.6 2.5 3.4 _____ 5.2 6.1 _____
- j) _____ 5 4.3 _____ _____ 2.2 1.5 0.8
- k) 100.6 100.3 _____ _____ 99.4 99.1 _____ _____
- l) _____ 69.41 69.38 _____ 69.32 69.29 _____ 69.23
- m) 3.2 2.8 2.4 _____ 1.6 1.2 _____ 0.4 _____

9.48 9.52 9.56 9.6 ...

The number 9.7 will be in this sequence.



Ryan

Do you agree with Ryan?
Explain your answer.

Create a sequence with missing decimals, and post it on the comments section!