

- a) 1.5 2.0 2.5 3.0 3.5 4 4.5 $+0.5$
- b) 0.4 0.8 1.2 1.6 2 2.4 2.8 $+0.4$
- c) 4.4 5.4 6.4 7.4 8.4 9.4 10.4 $(+1)$
- d) 2.3 2.6 2.9 3.2 3.5 3.8 4.1 $(+0.3)$
- e) 5.9 6.2 6.5 6.8 7.1 7.4 7.7 $+0.3$
- f) 8.5 8.0 7.5 7.0 6.5 6 5.5 -0.5
- g) 6.0 5.4 4.8 4.2 3.6 3 2.4 -0.6
- h) 2.7 2.4 2.1 1.8 1.5 1.2 0.9 -0.3
- i) 14.9 13.9 12.9 11.9 10.9 9.9 8.9 -1
- j) 6.8 6.6 6.4 6.2 6 5.8 5.6 -0.2

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

k) 2.1 2.6 3.1 3.6 4.1 4.6 5.1 5.6

l) 5.9 5.7 5.5 5.3 5.1 4.9 4.7 4.5

m) 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4

n) 7.9 9.4 8.9 8.4 7.9 7.4 6.9 6.4

o) 8.4 8.0 7.6 7.2 6.8 6.4 6 5.6

LO: Decimal sequences - Harder

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

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

a) 1.6 2.1 2.6 3.1 3.6 4.1 4.6 $+0.5$

b) 0.7 1.1 1.5 1.9 2.3 2.7 3.1 $+0.4$

c) 24.3 25.3 26.3 27.3 28.3 29.3 30.3 $+1$

d) 2.6 3.3 4.0 4.7 5.4 6.1 6.8 $+0.7$

e) 5.9 6.7 7.5 8.3 9.1 9.9 10.7 $+0.8$

f) 8.8 7.9 7.0 6.1 5.2 6.3 7.4 $+0.9$

g) 6.4 6.1 5.8 5.5 5.2 4.9 4.6 -0.3

h) 12.7 12.1 11.5 10.9 10.3 9.7 9.1 -0.6

i) 6.9 5.9 4.9 3.9 2.9 1.9 0.9 -1

j) 46.9 46.2 45.5 44.8 44.1 43.4 42.7 -0.7

k) 0.7 1.6 2.5 3.4 4.3 5.2 6.1 6.7 $+0.5$

l) 10.6 9.9 9.2 8.5 7.8 7.1 6.4 5.7

m) 10.6 10.3 10 9.7 9.4 9.1 8.8 8.5

n) 69.9 69.4 68.9 68.4 67.9 67.4 66.9 66.4

o) 18.4 17.5 16.6 15.7 14.8 13.9 13 12.1 11.2

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 2.6 3.1 3.6 + 0.5
- b) 9.7 10.1 10.5 10.9 11.3 11.7 12.1 + 0.4
- c) 7.5 8.3 9.1 9.9 10.7 11.5 12.3 + 0.8
- d) 0.36 0.31 0.26 0.21 0.16 0.11 0.06 - 0.05
- e) 6.4 6.38 6.36 6.34 6.32 6.3 6.28 - 0.02
- f) 4.81 4.21 3.61 3.01 2.41 1.81 1.21 - 0.6
- g) 6.01 5.01 4.01 3.01 2.01 1.01 0.01 - 1
- h) 46.9 46.2 45.5 44.8 44.1 43.4 42.7 - 0.7

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

- i) 0.7 1.6 2.5 3.4 4.3 5.2 6.1 7
- j) 5.7 5 4.3 3.6 2.9 2.2 1.5 0.8
- k) 100.6 100.3 100 99.7 99.4 99.1 98.8 98.5
- l) 69.44 69.41 69.38 69.35 69.32 69.29 69.26 69.23
- m) 3.2 2.8 2.4 2 1.6 1.2 0.8 0.4 0

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.

no. missed
9.64 9.68 9.72

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