

Missing Numbers in Fibonacci Sequences GREEN

Using algebra, complete the following Fibonacci sequences:

a) 1, \_\_\_\_\_, \_\_\_\_\_, 15

b) 3, \_\_\_\_\_, \_\_\_\_\_, 11

c) 1, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32

d) 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 35

e) 1, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 43

f) 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 85

g) 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32

h) 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 125

Missing Numbers in Fibonacci Sequences AMBER

Using algebra, complete the following Fibonacci sequences:

Remember: the last number is the sum of the previous two!

a) 1, a, 1+a, 15

b) 3, \_\_\_\_\_, \_\_\_\_\_, (11) *Sum of previous two numbers*

c) 1, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32

d) 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 35

e) 1, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 43

f) 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 85

g) 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32

h) 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 125

## Missing Numbers in Fibonacci Sequences RED

Using algebra, complete the following Fibonacci sequences:

Remember: the last number is the sum of the previous two!

a) 1, a, 1+a, 15

$a + (1+a) = 15$  ← Now solve this equation

b) 3, a, 3+a, (11) Sum of previous two numbers

c) 1, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32

d) 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 35

e) 1, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 43

f) 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 85

g) 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32

h) 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 125