

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Re-Building the Forest Worksheet Answers



### The Truffula Tree:

1 year to sprout

10 years to become a sapling

10 more years to become an adult tree and make 10 seeds\*

\* each tree makes 10 seeds per year

Year	# of seeds	# of sprouts	# of saplings	# of mature trees
0	1	0	0	0
1	0	1	0	0
10	0	0	1	0
20	10	0	0	1
21	10	10	0	1
22	10	20	0	1
30	10	100	10	1
31	10	100	20	1
32	10	100	30	1
40	110	100	100	11
41	210	210	100	21
42	310	420	100	31