

Name: _____ Quiz Score: _____/20

Quiz 3: Version A*No credit for answers without sufficient justification. Use standard mathematical notation correctly.*1. (7 pts) Write out the first ten terms of the Fibonacci Sequence ($F_1, F_2, F_3, \dots, F_{10}$).

2. (10 pts) Compute the value of each of the following.

(a) $F_1 + F_3 + F_5 + F_7$

(b) $10F_4 + 2F_6$

(c) $F_2 \times F_5$

(d) $F_{2 \times 5}$

(e) F_{F_6}

3. (3 pts) Given that $F_{32} = 2,178,309$ and $F_{33} = 3,524,578$, find F_{34} .

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Quiz 3: Version B*No credit for answers without sufficient justification. Use standard mathematical notation correctly.*1. (7 pts) Write out the first ten terms of the Fibonacci Sequence ($F_1, F_2, F_3, \dots, F_{10}$).

2. (10 pts) Compute the value of each of the following.

(a) $F_2 + F_4 + F_6 + F_8$

(b) $15F_3 + 3F_6$

(c) $F_2 \times F_4$

(d) $F_{2 \times 4}$

(e) F_{F_4}

3. (3 pts) Given that $F_{32} = 2,178,309$ and $F_{33} = 3,524,578$, find F_{34} .

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Quiz 3: Version C*No credit for answers without sufficient justification. Use standard mathematical notation correctly.*1. (7 pts) Write out the first ten terms of the Fibonacci Sequence ($F_1, F_2, F_3, \dots, F_{10}$).

2. (10 pts) Compute the value of each of the following.

(a) $F_2 + F_3 + F_4 + F_5$

(b) $4F_3 + 10F_7$

(c) $F_2 \times F_3$

(d) $F_{2 \times 3}$

(e) F_{F_6}

3. (3 pts) Given that $F_{32} = 2,178,309$ and $F_{33} = 3,524,578$, find F_{34} .