Answers

**Algebra**

**Unit 3 Line Master 2g**

2. a) Predictions may vary.  
 b) The output term numbers are: 0, 1, 2, 3, 4, 5  
 The output term values are: 0, 4, 8, 12, 16, 20

3. a) 5 \* termNumber + 0

b) 2 \* termNumber + 0

c) 6 \* termNumber + 0

4. a) Predictions may vary.  
 b) The output term numbers are: 0, 1, 2, 3, 4, 5  
 The output term values are: 2, 5, 8, 11, 14, 17

5. a) 5 \* termNumber + 1

b) 2 \* termNumber + 3

c) 4 \* termNumber + 25

7. a) 1 \* termNumber + 2; termNumber > 3

b) 5 \* termNumber + 1; termNumber > 12

c) 100 \* termNumber + 25; termNumber > 8

9. a) 5 \* termNumber + 2; use termNumber > 100 in the   
 repeat until block; increase termNumber by 10 each time

b) 10 \* termNumber + 5; use termNumber > 50 in the   
 repeat until block; increase termNumber by 5 each time