

Activity Set 9.1: # 6,7 (16/16)

Understanding	Accuracy	Communication	Presentation	Total
2	a) 2	2	2	8

6. Five-eighths of the pieces of candy in a bowl of candy are chocolate, one-fourth of the pieces are strawberry, and the remaining pieces are sour apple. If the number of strawberry pieces is tripled, there will be 108 pieces of candy all together. Use algebra pieces and mental arithmetic to determine how many pieces of chocolate candy are in the bowl. Sketch and label your algebra piece model, and explain how you solved the problem.

Understanding	Accuracy	Communication	Presentation	Total
2	a) 2	2	2	8

7. A box contains a total of \$11.40 in nickels, dimes, and quarters. There are twice as many nickels as dimes and three times as many quarters as dimes. Use algebra pieces and mental arithmetic to determine how many of each coin are in the box. Sketch and label your algebra piece model, and explain how you solved the problem.