

Handout**4 – 1**
Section 21**Enrichment****At the Bank****ANSWER
KEY**

Nick goes to the bank to trade in all his 10¢ coins. The bank clerk gives him 16 \$5 bills.



1. How many 10¢ coins did Nick have before he traded them in?

800 10¢ coins

2. How many \$1 coins would he have had to trade to get the same number of \$5 bills?

80 \$1 coins

3. How many \$2 coins would he have had to trade to get the same number of \$5 bills?

40 \$2 coins

4. How many 25¢ coins would he have had to trade to get the same number of \$5 bills?

320 25¢ coins

5. How many 5¢ coins would he have had to trade to get the same number of \$5 bills?

1600 5¢ coins

My calculations

$$16 \times 5 = 80 \text{ So, } \$80.$$

$$80 \times 10 = 800 \text{ So, } 800 \text{ 10¢ coins.}$$

$$40 + 40 = 80 \text{ So, } 40 \text{ $2 coins.}$$

$$\text{It takes } 4 \text{ 25¢ coins to make } \$1.$$

$$80 \times 4 = 320 \text{ So, } 320 \text{ 25¢ coins.}$$

$$\text{It takes } 20 \text{ 5¢ coins to make } \$1.$$

$$80 \times 20 = 1600 \text{ So, } 1600 \text{ 5¢ coins.}$$