

Math Foundations
Distribution
Answer Key

Hamburger = \$5

Fried = \$3

Soda = \$2

1.	$2(1H + 1F + 1S) =$	$2H + 2F + 2S$
	$2(1.5 + 1.3 + 1.2)$	$2.5 + 2.3 + 2.2$
	$2(5 + 3 + 2)$	$10 + 6 + 4$
	$2(10) = \$20$	$\$20$

2. $(H + H + F + F + S + S) + (H + H + H + H + F + F)$
 $(2H + 2F + 2S) + (4H + 2F)$
 $(2.5 + 2.3 + 2.2) + (4.5 + 2.3)$
 $10 + 6 + 4 + 20 + 6 = \$46$

3. $3(2H + 1F + 1S)$
 $6H + 3F + 3S$
 $6.5 + 3.3 + 3.2$
 $30 + 9 + 6 = \$45$

4. $4(2H + 2F + 2S) + 4.1$
 $8H + 8F + 8S + 4$
 $8.5 + 8.3 + 8.2 + 4$
 $40 + 24 + 16 + 4 = \$84$

5. $2(H + F + S + 2H + F + S)$
 $2H + 2F + 2S + 4H + 2F + 2S$
 $6H + 4F + 4S$
 $6.5 + 4.3 + 4.2$
 $6.5 + 4.3 + 4.2$
 $30 + 12 + 8 = \$60$