

5.2 Percent and Percent Change

- 1) 120 pts
3) $0.59 = 59\%$
5) 22.5 g of NaCl and 227.5 g of water make 250 g of a 9% NaCl solution.
7) \$6890
9) sale price = \$17.97
11)
a) $0.40 = 40\%$
b) $0.138 = 13.8\%$
13)
a) Final Meal Cost = $(1.15)(\text{Base Meal})$
b) Final Meal Cost = $(1.15)(\$22.15) = \25.47
15)
a) There are approximately 0.124 gallons of oil in the mixture.
b) 15.9 oz
17) $x = 1$
19)

Days Rented	Charge (\$)
1	4
2	5
3	6
4	7