

UNIT 1 – WORKING WITH MONEY - ANSWERS

ASSIGNMENT 1 – SIMPLIFYING FRACTIONS

- 1)
a) $\frac{1}{4}$ b) $\frac{1}{4}$ c) $\frac{1}{3}$
d) $\frac{5}{7}$ e) $\frac{4}{9}$ f) $\frac{9}{20}$
g) $\frac{2}{5}$ h) $\frac{1}{7}$ i) $\frac{1}{8}$

ASSIGNMENT 2 – CROSS MULTIPLY AND DIVIDE

- 1) 0.8
2) 6
3) 150
4) 0.8
5) 0.2
6) 125

ASSIGNMENT 3 - WORKING WITH RATIO

- 1) 20:45 → 4:9
2) 30:10 → 3:1
3) 250:1000 → 1:4

ASSIGNMENT 4 - WORKING WITH PROPORTION

- 1) 36.4 minutes
2) 121 cm
3) 75 minutes or 1.25 hours or 1 hour 15 minutes

ASSIGNMENT 5 – MORE WORKING WITH PROPORTION

- 1) 20 cups flour and 10 cups butter
2) 9L : 36 L

ASSIGNMENT 6 – CALCULATING UNIT PRICE

- 1) a) \$2.00 per kg
b) \$0.33 per egg
c) \$15.93/ kg
d) \$0.879 / L
2) \$0.09 per cup or 9¢ per cup
3) \$1.70 per lock
4) \$3.80 per lock

ASSIGNMENT 7 – WORKING WITH UNIT PRICE

- 1) 1st bookstore - \$1.29 each
2nd bookstore - \$1.31 each
2) 6 muffins - \$1.265
Dozen muffins - \$1.249
3) Three pieces - \$7.80
Four pieces - \$7.68

ASSIGNMENT 8 – MORE WORKING WITH UNIT PRICE

- 1) \$23.10
2) \$52.32
3) \$14.06

ASSIGNMENT 9 –WORKING WITH UNIT RATE

- 1) 75 g
2) 6.86 kg
3) 30 cm

ASSIGNMENT 10 – DECIMALS AND PERCENTS

- 1) a) 0.25 b) 0.07 c) 0.15
d) 0.015 e) 0.47 f) 0.125
2) a) 0.65 = 65% b) 0.04 = 4% c) 0.12 = 12% d) 0.055 = 5.5% e) 0.1 = 10% f) 0.002 = 0.2%
3) a) 0.4 b) 0.6 c) 0.3
d) 1.3 e) 0.7 f) 0.3

ASSIGNMENT 11 – MORE DECIMALS AND PERCENTS

- 1) a) 45 b) 675 c) 98 d) 42
e) 3.9 f) 0.525 g) 100 h) 33.75
2) a) 20% b) 33.3% c) 161.9%
d) 20% e) 8.3% f) 1250%

ASSIGNMENT 12 – PRICE MARKUPS

- 1) \$562.50
2) \$1.81
3) markup - \$70.47, retail price - \$187.92
4) \$15.75
5) markup is \$4.50, cost to customer is \$6.75

ASSIGNMENT 13 – TAXES

- 1) \$5.00
2) HST = \$3163.86
3) GST = \$18.60
PST = \$26.04
Total cost = \$416.64
4) \$1048.93
5) a) \$37.50
b) \$67.50
c) GST = \$3.38 PST = \$4.05
d) \$74.93
6) markup = \$18.13
meal cost = \$25.38
taxes = \$1.27
total cost = \$26.65

ASSIGNMENT 14 – SALE PRICES

- 1) \$296.99 discount
2) \$1.79 saving
3) \$479.99 saved

ASSIGNMENT 15 – MORE SALE PRICES

- 1) \$17.47
2) \$59.95 for 5 cans
3) \$255 for 4 rooms

ASSIGNMENT 16 – SPECIAL SALE PRICES

- 1) 14.3%
2) 15%
3) 20%
4) 16.7%
5) \$208.08
6) \$109.52
7) a) \$99.98 discount
b) \$80.48
c) 32.2%

ASSIGNMENT 17 – CURRENCY EXCHANGE RATES

- 1a) \$887.11 CAD
b) \$3618.59 CAD
c) \$3336.28 CAD
2) 118.22 £
3) 90 038.95 Ft
4) a) \$345.81 real
b) \$1742.27 dirham
c) \$639.78 zloty
5) 215.40 €

ASSIGNMENT 18 – MORE CURRENCY EXCHANGE RATES

- 1) \$384.48 CAD
2) \$47.74 CAD
3) 1926.94 ¥
4) \$395.20
5) \$25 929
6a) 677.14 €
b) \$967.43