

Abby Buchanan

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HI224

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Chapter 1 Homework

Exercise 1.1

- 1) Secondary
- 2) Secondary
- 3) Primary
- 4) Primary
- 5) Secondary
- 6) Primary
- 7) Secondary

Matching

- 1) J
- 2) B
- 3) E
- 4) F
- 5) A
- 6) C
- 7) D
- 8) I
- 9) G
- 10) H

Review

- 1) D
- 2) B
- 3) D
- 4) C
- 5) C
- 6) C
- 7) D

- 8) D
- 9) B
- 10) A
- 11) B
- 12) C
- 13) B
- 14) B
- 15) D

Chapter 2 Homework

Exercise 2.1

- 1) $\frac{1}{2}$
- 2) $\frac{2}{3}$
- 3) $\frac{2}{9}$
- 4) $\frac{2}{3}$
- 5) $\frac{4}{7}$

Exercise 2.2

- 1) 0.40
- 2) 0.75
- 3) 0.88
- 4) 1.09
- 5) 0.83

Exercise 2.3

- 1) 40
- 2) 340
- 3) 220
- 4) 6,990
- 5) 8,530
- 6) 200
- 7) 300
- 8) 3,800
- 9) 4,400
- 10) 8,200
- 11) 38

- 12) 56
- 13) 15
- 14) 625
- 15) 101
- 16) 19.8
- 17) 34.6
- 18) 172.9
- 19) 100.0
- 20) 126.0
- 21) 8.37
- 22) 14.53
- 23) 0.88
- 24) 28.00
- 25) 15.90

Exercise 2.4

- 1) 62.5%
- 2) 60.0%
- 3) 50.0%
- 4) 58.3%
- 5) 20.0%
- 6) 28.0%
- 7) 7.0%
- 8) 12.5%
- 9) 43.0%
- 10) 99.8%
- 11) $\frac{21}{50}$
- 12) $\frac{29}{50}$
- 13) $\frac{39}{50}$
- 14) $\frac{3}{4}$
- 15) $\frac{1}{5}$
- 16) 0.12
- 17) 0.27
- 18) 0.005
- 19) 0.075
- 20) 0.034
- 21) 44.67%

Clipboard		Font		Alignment	
C2		=A2/B2			
	A	B	C	D	E
1	VACCINE	PATIENTS	FLU VACCINE PERCENT		
2	67	150	44.67%		
3					
4					

22)

Clipboard		Font		Alignment		Number		Styles		Cells	
F12											
	A	B	C	D	E	F	G				
1		LIST PRICE	DISCOUNT	DISCOUNT AMOUNT	DISCOUNTED PRICE	SHIPPING AND HANDLING					
2	COMPANY A	\$600.00	20%	\$120.00	\$480.00		\$0.00				
3	COMPANY B	\$625.00	30%	\$187.50	\$462.50		\$25.00				
4	COMPANY C	\$551.00	15%	\$82.65	\$501.35		\$33.00				
5	COMPANY D	\$584.00	25%	\$146.00	\$468.00		\$30.00				
6	COMPANY E	\$579.00	20%	\$115.80	\$463.20		\$0.00	LOCAL			

COMPANY B

Clipboard		Font		Alignment	
F8					
	A	B	C	D	E
1		COUNT	DECIMAL	PERCENTAGE	
2	SICKLE CELL	20	0.50	50.00%	
3	HEMOPHILIA	12	0.30	30.00%	
4	EWING'S	6	0.15	15.00%	
5	WILMS'	2	0.05	5.00%	
6	TOTAL	40	1	100.00%	

23)

Exercise 2.5

1) a 1:2

- b 1:5
- c 1:2
- d 1:6
- e 5:7
- 2) 3:4
- 3) 16:5
- 4) 5:7
- 5) 3:1
- 6) 1:3

Exercise 2.6

- 1) 0.05
- 2) 0.12
- 3) 0.70
- 4) 0.67
- 5) 0.40

Exercise 2.7

- 1) 60.87%
- 2) 99.96%
- 3) 150.29%

Clipboard		Font	
B9			
	A	B	C
1	1-Feb	130	
2	2-Feb	135	
3	3-Feb	132	
4	4-Feb	126	
5	5-Feb	120	
6	6-Feb	122	
7	7-Feb	124	
8	AVERAGE	127	
9			

- 4) 127
- 5) \$15.10

Matching

- 1) E
- 2) D
- 3) A
- 4) F
- 5) G
- 6) C
- 7) B
- 8) I
- 9) J
- 10) H

Review

- 1) 0.2, 20%
- 2) a 17.00%
b 13.66%
c 0.67%
d 98.99%
e 99.00%
- 3) a 0.7%
b 53.1%
c 0.1%
d 34.3%
e 3.9%
- 4) a 16.67%
b 65.00%
c 17/50
d .34
- 5) a 1/3
b 1/2
c 1/5
d 3/5
e 1/2

22 =B2/B9

	A	B	C
1	DAY	# OF PATIENTS	% OF PATIENTS
2	SUNDAY	1187	17.81%
3	MONDAY	755	11.33%
4	TUESDAY	1085	16.28%
5	WEDNESDAY	1031	15.47%
5	THURSDAY	1024	15.37%
7	FRIDAY	808	12.13%
8	SATURDAY	773	11.60%
9	TOTALS	6663	
0			
6) 1			

Sunday= 17.8%

Thursday=15.4%

7) 0.8

8) 373 employed this year =16 less

9) \$957

10) \$14.99 after next paycheck, \$15.74 after performance evaluation

11) \$11,400

12) 80%

13) 25%

14)

	A	B	C	D
1	BIRTH	BIRTH WEIGHT IN POUNDS	MOTHER'S NO	MLOTER'S AGE
2	1	5.6	1	18.5
3	2	6.7	2	19.3
4	3	5.9	3	15.5
5	4	6	4	34.2
6	5	3.9	5	25.6
7	6	9.2	6	29.7
8	7	10.3	7	24.8
9	8	11.3	8	26.6
10	9	6.9	9	17.3
11	10	7.1	10	26.5
12	11	5.9	11	24.7
13	12	5.7	12	23.2
14	13	5.2	13	21.4
15	14	6.9	14	22.9
16	15	10.2	15	31.5
17	TOTALS	7.12	8	24.11333333
18				
19				

Average Birth Weight= 7.12 lbs.

Average Mother's Age= 24.1 years old

15) Yes, the months and quarters are correct

16) $1,704/1,792 = 0.9508 = 95.1\%$