

#Jenny



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#Rio



Cool! I'am really happy

#Markus Jensen



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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

**Answers**

CHAPTER 1 Simple and compound interest

**Skills check**

1 a 51 b 58.75 c 51.50  
 d 50.25 e 51 f 50.25  
 2 a 1.22 b 0.0725 c 0.01  
 d 0.02 e 0.125 f 0.001  
 3 a 1 year b 2 years c 1 year  
 d 2.5 years e 4.5 years f 2.5 years  
 4 a 250 b 225 c 2000  
 d 1.857625 e 1.083 f 1.877

**Exercise 1A – Simple interest**

1 a \$116.00 b \$56.70 c \$145.25  
 d \$110.80 e \$235 f \$376.80  
 g \$174.87 h \$41.80 i \$41.76  
 j \$229.66 k \$244.05  
 2 a \$811.50 b \$2700 c \$325  
 d \$511.25  
 3 a \$500 b \$1020 c \$27700  
 d \$1720 e \$1147  
 4 C a A b B c 1000  
 d 55000  
 5 A b A c D d B  
 6 A b A c D d B  
 7 A b A c D d B  
 8 A b A c D d B  
 9 A b A c D d B  
 10 \$54.50  
 11 a The Big-4 Bank offers the best rate.  
 b The Best Bank charges 1% less for a loan  
 which has monthly banking facility charges 12%  
 at 2% 1% per month.  
 12 a \$1548.03 b \$12342.80  
 13 a Yes b \$6102.50  
 14 a \$2427 b \$33729 c 71 years

**Exercise 1B – Finding P, R and T**

1 a \$3750 b \$4400 c \$5425  
 d \$216.56 e \$2500  
 2 a 8% b 6.25% c 80%  
 d 2.125% e 25% f 3.86%  
 3 a 1 year b 18 months c 3 months  
 d 7 years e 1 month f 3 months  
 g \$1518.79 h \$2133.33 i \$392  
 4 24 months e 3 years f 4%  
 5 B b 11.8 c 12 D d 13 A  
 6 a Yes (5112.50) b No  
 c Yes (51201.80)

**Exercise 1C – Graphing simple interest functions**

1 a 

Year	0	1	2	3	4	5
Interest	0	5000	10000	15000	20000	25000

  
 b 

Year	0	1	2	3	4	5
Interest	0	11000	22000	33000	44000	55000

  
 2 a 

No. of days	1	2	3	4	5
Interest	11000	12200	13400	14600	15800

  
 b 

Year	0	1	2	3	4	5
Interest	0	1000	2000	3000	4000	5000

  
 3 a 

Year	0	1	2	3	4	5
Interest	0	1000	2000	3000	4000	5000

  
 b 

Year	0	1	2	3	4	5
Interest	0	1000	2000	3000	4000	5000

  
 c 

Year	0	1	2	3	4	5
Interest	0	1000	2000	3000	4000	5000

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