Company	Last sale	+ or – (cents)	No. sold (100s)	52 week	
				high	low
AGL Energy	25.05	+25	10 043	28.47	16.51
BHP	24.83	–27	73 267	27.95	18.88
Harvey Norman	4.15	+2	29 598	5.58	3.54
Medibank Private	2.81	+6	61 968	3.14	2.37
Myer	.816	–1	33 692	1.48	0.816
Seven Group	10.72	+1	2168	12.04	6.43
Viva Energy	2.24	–	7498	2.65	2.02
Westfield	7.93	+5	25 905	11.15	7.64

• what is the simple interest formula?

• what is the compound interest formula?

① Jackson borrowed $3600 over 2 years at 12.5% p.a simple interest to buy a computer.
  a) how much interest does he pay?
  b) how much does he pay all together?
  c) what is his monthly payement?

② An amount of $22 800 was invested for 18 months with simple interest and grew to $26 083.20. What is the monthly interest rate?

③ what is the interest rate P.A if $4000 grew to $4831.80 over 3 years in a savings account?

④ A principal of $25 400 is invested at 2.7% p.a. Calculate the future value after 3 years, compounded quarterly

⑤ Alex won $250 000 which she invested in a term deposit earning 5.3% p.a interest compounded half yearly. How many years will it take to double her money?

• what is the inflation/appreciation formula?

⑥ Josh works for an IT company and his salary increases with the annual inflation rate of 3.1%. Calculate his salary in 4 years' time if it is currently $82 000.

⑦ Woolworths shares have a market value of $26.70 and pay a dividend of 33 cents per share.
  a) if Belinda owned 15000 shares, what is the total market values of her shares?
  b) Calculate Belinda's dividend
  c) what is the dividend yield, correct to 2 decimal places?

⑧ a) what was the lowest paid price in the past 52 weeks for harvey norman?

b) What was the highest price in the past 24 hours.

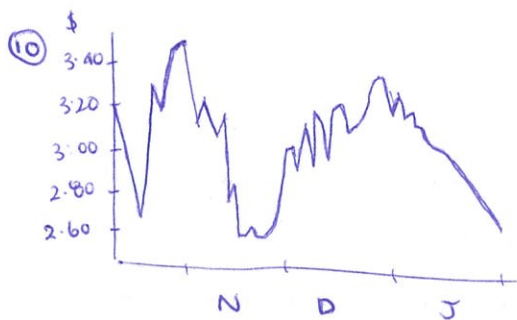⑨ the market value of a share was noted every Friday for 6 weeks. The results are shown:

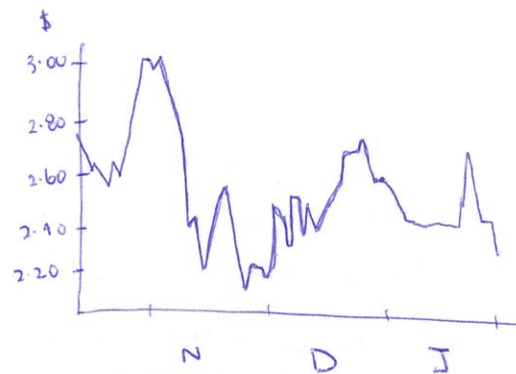| week 1	week 2	week 3	week 4	week 5	week 6
$11.25	$14.50	$18.60	$12.36	$13.20	$10.40

a) what was the range of share prices?

b) draw a line graph showing the share price in the 6-week period.

c) describe the trend over the 6 weeks.

d) Is it possible to predict what will happen in the next 6 weeks?

⑩

the Great Gals shares close
at $2.50, down 14c

Hardly Normal shares close
at $2.20, down 10c.

a) what was the highest price for the Great Gals over this period?

b) what was the lowest price for Hardly Normal over this period?

c) how many times was the price for the Great Gals shares $2.60?

d) what was the range in price for Hardly Normal shares?

e) describe the performance of the Great Gals shares in this 3-month period.

f) Estimat the cost of the Hardly Normal shares on
  (i) 1 December   (ii) 31 october

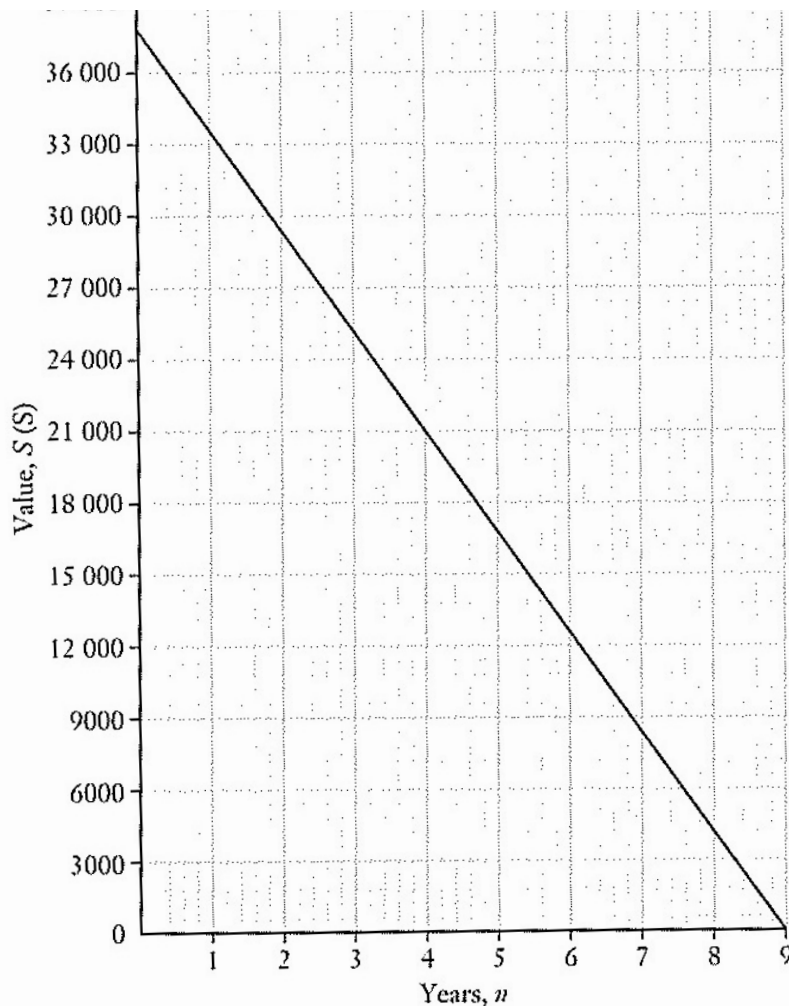g) would January be a good time to buy shares in Hardy Normal? why?

⑪ A wood lathe was purchased for $1 350 and depreciated to $450 at the end of 5 years.

a) use the straight-line method to find the yearly depreciation?

b) what was the value of the lathe after 3 years?

• what is the "straight-line depreciation" formula?

⑫ the graph shows the depreciation of a newsagent delivery van over its useful life.

a) what is the purchase price?

b) what is the yearly depreciation of the delivery van?

c) what is its salvage value after 3 years?

d) what is the accumulated depreciation at the end of the 5th year)

e) what is the equation of the graph?