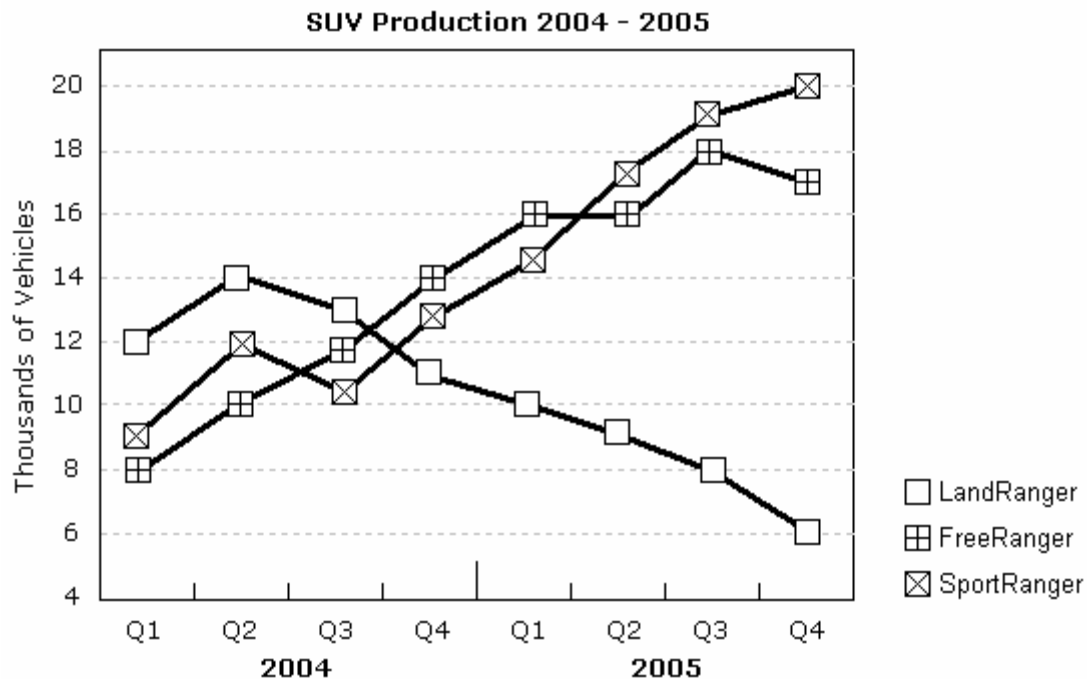# Numerical Ability - Data Interpretation 2

25 Questions

Instructions: Answer as many questions as you can in 20 minutes. Circle the letter on the right which corresponds to the correct answer. You can use a calculator.

SUV Production 2004 - 2005

The table above shows production figures for three models of Sport Utility Vehicles (SUVs) over 2 years. Use this information to answer the following questions.

1) What was the total number of vehicles produced in Q4 2004?

A	B	C	D	E
43,000	40,000	38,000	47,000	36,000

A B C D E

2) What percentage of vehicle production in Q2 2005 is accounted for by the SportRanger?

A	B	C	D	E
50%	40%	20%	30%	60%

A B C D E

3) What was the approximate ratio of SportRangers to LandRangers produced in the final quarter of 2005?

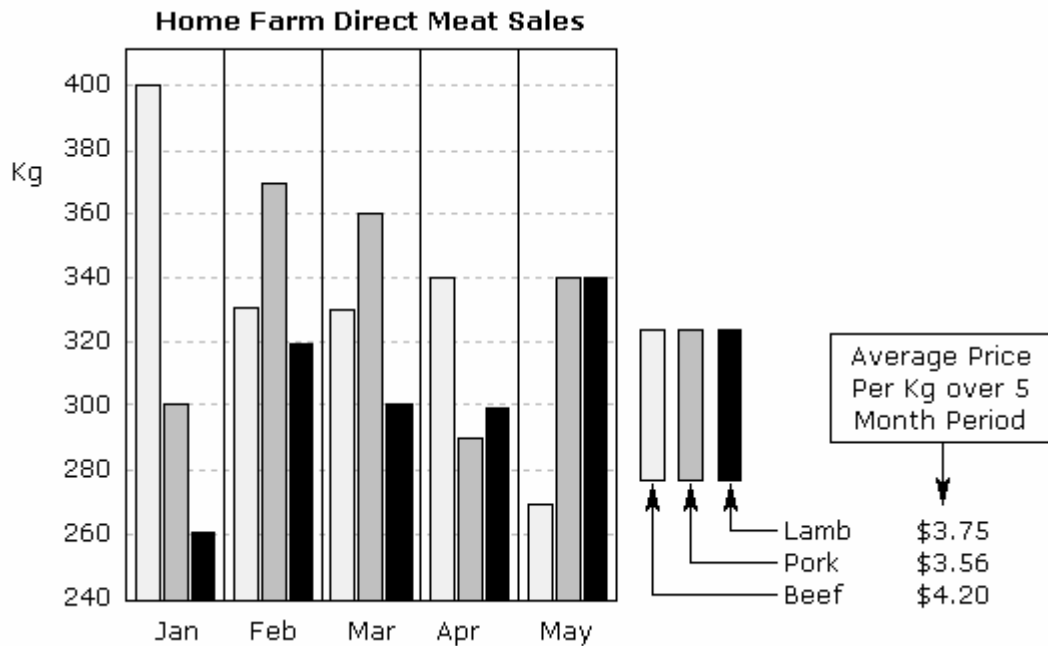| A	B	C	D	E
3:1	3:2	1:3	2:3	4:3

A B C D E

4) What percentage of total LandRanger production took place in 2004?

A	B	C	D	E
45%	68%	65%	55%	60%

A B C D E

Numerical Ability - Data Interpretation 2

Home Farm Direct Meat Sales

The table above shows the sales of meat from Home Farm to the restaurants that it supplies directly. Use this information to answer the following questions.

5) Which month showed the largest increase in total quantity of meat sold over the previous month?

A	B	C	D	E
Jan	Feb	Mar	Apr	May

A B C D E

6) What was the total value of lamb sold over the 5 month period?

A	B	C	D	E
$5,200	$5,700	$6,600	$5,400	$5,300

A B C D E

7) What percentage of the total quantity of meat sold over the 5 month period was beef?

A	B	C	D	E
32.2%	33.6%	29.2%	28.4%	34.4%

A B C D E

8) What percentage of the total value of meat sold over the 5 month period was pork?

A	B	C	D	E
30.4%	29.6%	31.7%	30.6%	29.4%

A B C D E

Numerical Ability - Data Interpretation 2

Students by Faculty

Faculty	2003	2004	2005
Arts	212	208	187
Business	315	342	360
Computing	219	232	199
Law	74	74	73
Medicine	55	57	67
Science	214	220	232
Engineering	106	98	102
	3198	3235	3225

Science Students (Non-US)

Brazilan 10%, Canadian 22%, Mexican 20%, British 14%, Polish 6%, Japanese 6%, Chinese 22%
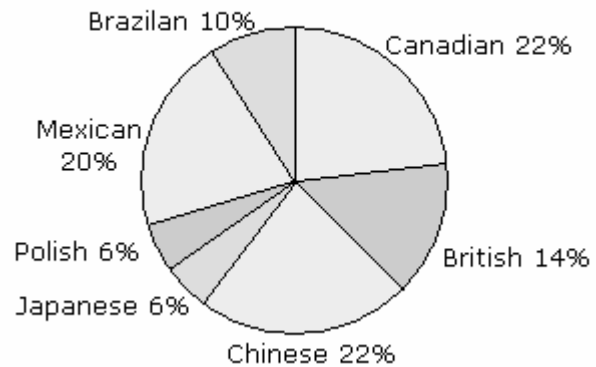
The table above shows the number of students admitted to North West University over a three year period. The pie chart shows the relative percentages of foreign students admitted to the faculty of science in 2004. All percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

9) If 23% of the students joining the faculty of science in 2004 were foreign, how many Canadian students joined the faculty that year?

A	B	C	D	E
22	14	11	21	7

A B C D E

10) What percentage of students joined the arts faculty over the three year period?

A	B	C	D	E
13.2%	11.7%	12.6%	6.3%	4.3%

A B C D E

11) The relative percentage of Chinese students joining the faculty of science doubled in 2005 but the percentage of foreign students remained at 45%. How many Chinese students joined the faculty in 2005?

A	B	C	D	E
46	36	63	40	48

A B C D E

12) How many students joined the Business and Computing faculties in 2003 and 2004?

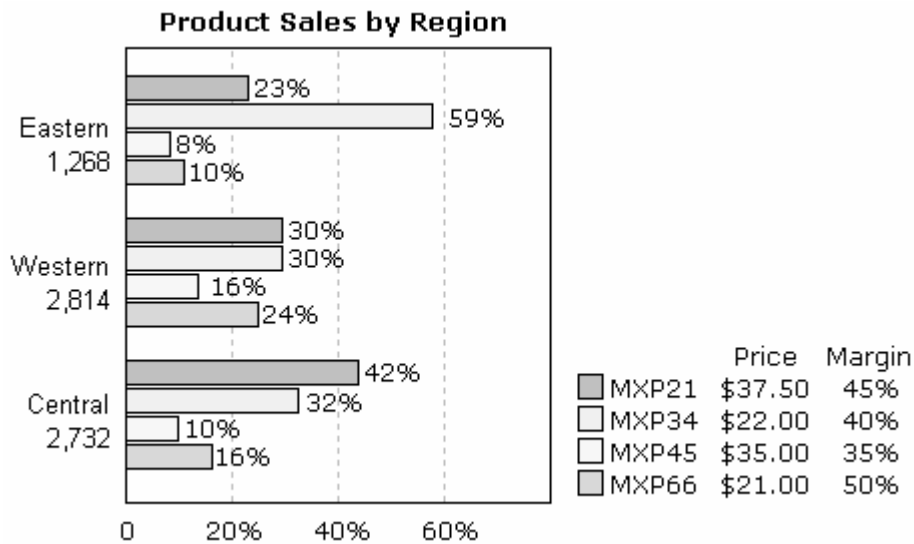| A	B	C	D	E
1,001	1,113	1,133	1,108	1,100

A B C D E

13) If 55% of the students joining the faculty of science were male, how many female students were admitted over the three year period?

A	B	C	D	E
303	290	298	300	294

A B C D E

Numerical Ability - Data Interpretation 2

Product Sales by Region

Eastern 1,268: 23%, 59%, 8%, 10%
Western 2,814: 30%, 30%, 16%, 24%
Central 2,732: 42%, 32%, 10%, 16%

	Price	Margin
MXP21	$37.50	45%
MXP34	$22.00	40%
MXP45	$35.00	35%
MXP66	$21.00	50%

The table above shows the number of products sold by region and the price and margin on each product. Percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

14)   How many MXP21 units were sold in the Central region?

A	B	C	D	E
1147	844	1087	1177	114

A B C D E

15)   What was the value of sales for the MXP34 in the Western region?

A	B	C	D	E
18,172	18,272	18,372	18,572	18,472

A B C D E

16)   How many more MXP45 units were sold in the Western Region compared to the Central region?

A	B	C	D	E
155	177	287	180	185

A B C D E

17)   What was the total value of sales of the MXP21 unit across all 3 regions?

A	B	C	D	E
85,512	85,126	86,216	81,602	85,612

A B C D E

18)   What was the total profit made on the MXP66 unit across all 3 regions?

A	B	C	D	E
13,109	13,209	13,009	13,029	13,019

A B C D E

Numerical Ability - Data Interpretation 2

Server	January		February		March	
	Units	Value	Units	Value	Units	Value
ZXC43	32	480	40	600	48	720
ZXC53	45	585	45	585	45	585
ZXC63	12	240	14	280	18	340

The table above shows the sales figures for 3 different types of switches over 3 months. Use this information to answer the following questions.

19)   What is the unit cost of switch type ZXC53?

A	B	C	D	E
$11	$13	$12	$15	$17

A B C D E

20)   How many ZXC43 units could be expected to sell in April?

A	B	C	D	E
45	32	40	48	56

A B C D E

21)   What was the total revenue generated by sales of the ZXC63?

A	B	C	D	E
$880	$780	$860	$760	$680

A B C D E

22)   What is the approximate ratio of unit sales of the ZXC53 and ZXC63 over the three month period?

A	B	C	D	E
3:1	1:3	2:3	3:2	2:1

A B C D E

23)   What percentage of the total revenue was generated in February?

A	B	C	D	E
28%	29%	33%	30%	27%

A B C D E

24)   An order for 9 ZXC43 switches and 8 ZXC53 switches could not be processed in time to be added to the March figures. How much revenue would this have added?

A	B	C	D	E
$224	$242	$248	$239	$226

A B C D E

25)   If the unit price of the ZXC43 falls by 20% in April, but the number of units sold doubles, How much revenue will this generate?

A	B	C	D	E
$1,440	$1,152	$1,252	$1,240	$1,140

A B C D E

End of Numerical Ability - Data Interpretation Test 2

Numerical Ability - Data Interpretation 2

Answers

1)	**C**	11)	**A**	21)	**C**
2)	**B**	12)	**D**	22)	**A**
3)	**A**	13)	**D**	23)	**C**
4)	**E**	14)	**A**	24)	**D**
5)	**B**	15)	**B**	25)	**B**
6)	**B**	16)	**B**		
7)	**E**	17)	**E**		
8)	**C**	18)	**C**		
9)	**C**	19)	**B**		
10)	**D**	20)	**E**		