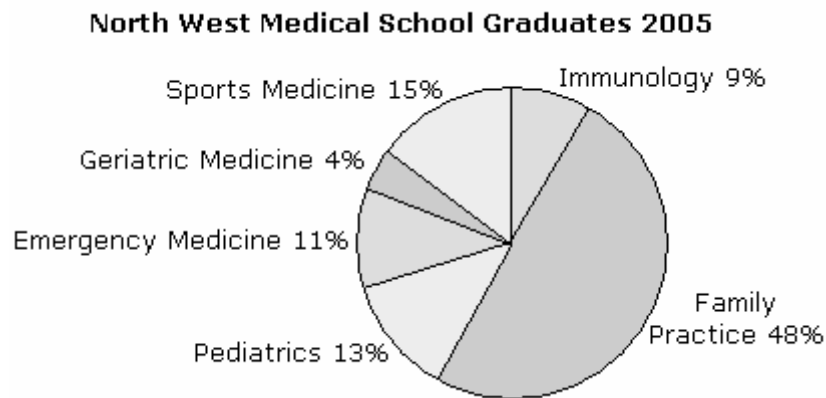


Numerical Ability - Data Interpretation 4

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.



The table above shows the specializations of North West Medical School graduates in 2005. Percentages have been rounded to the nearest whole number. One hundred and nineteen students graduated that year. Use this information to answer the following questions.

- 1) How many students decided to specialize in immunology?

A	B	C	D	E
9	11	14	7	15

A B C D E

- 2) One twelfth of the students who chose to specialize in family practice plan to work abroad. How many is this?

A	B	C	D	E
7	8	5	9	3

A B C D E

- 3) What is the approximate ratio of students specializing in sports medicine, emergency medicine and family practice?

A	B	C	D	E
6:4:10	1:4:5	2:8:10	3:2:10	3:2:5

A B C D E

- 4) If seven students changed their specialization from family practice to paediatrics, approximately what fraction of students would then be specializing in paediatrics?

A	B	C	D	E
$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{15}$

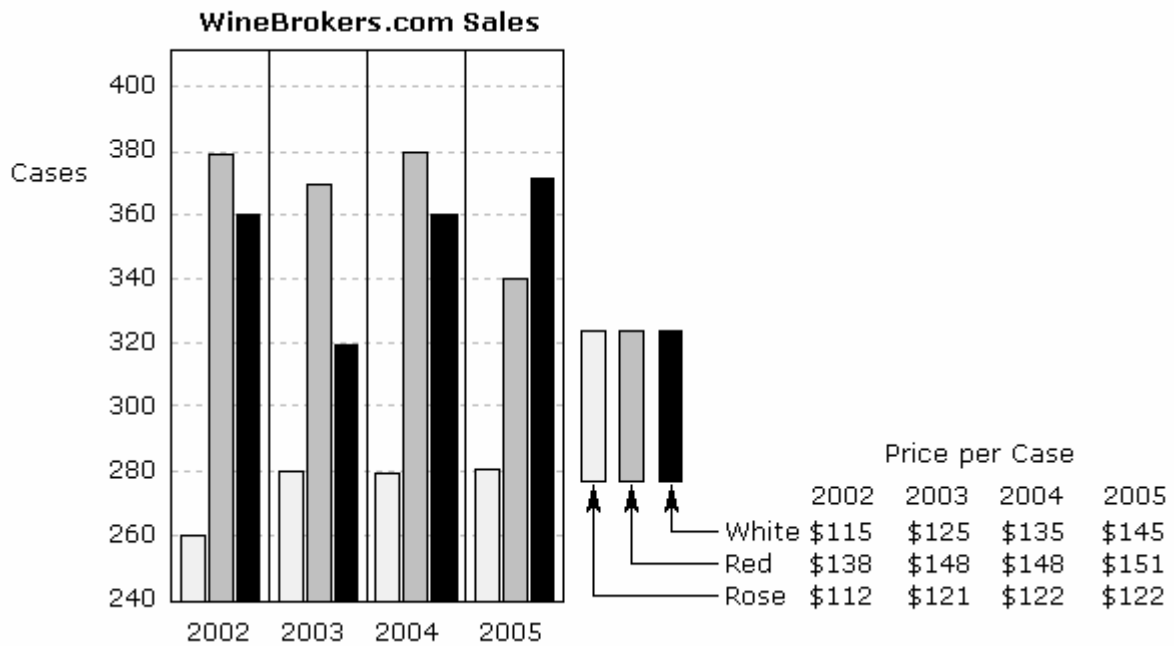
A B C D E

- 5) If the ratio of male to female students specializing in sports medicine is 2:1, how many female students does this represent?

A	B	C	D	E
6	5	12	18	10

A B C D E

Numerical Ability - Data Interpretation 4



The table above shows the annual sales of WineBrokers.com, a small online wine merchant. Use this information to answer the following questions.

- 6) What was the average number of cases sold per year over the four year period?

A	B	C	D	E
1010	1005	985	995	990

A B C D E

- 7) What is the approximate value of rose wine sold over the four year period in thousands of dollars?

A	B	C	D	E
134	129	131	125	127

A B C D E

- 8) What is the difference in the value of red wine sales between 2002 and 2003?

A	B	C	D	E
\$2,320	\$3,220	\$2,330	\$2,360	\$2,280

A B C D E

- 9) If white wine increased in price by 10% from 2005 to 2006, what would be the approximate average cost per case over the five year period?

A	B	C	D	E
\$133	\$136	\$143	\$126	\$138

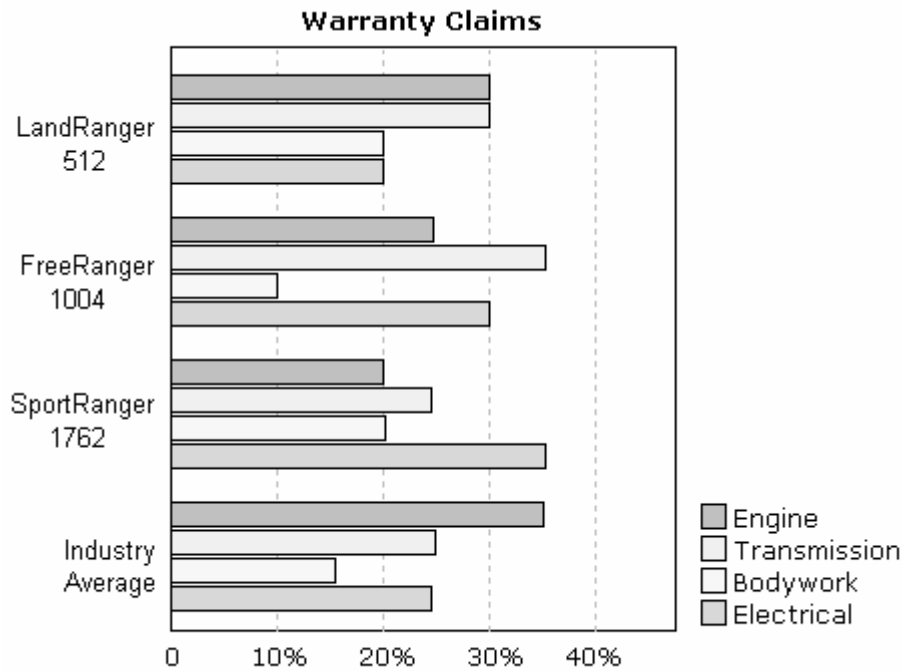
A B C D E

- 10) What percentage of total cases of wine sold over the four year period were rose?

A	B	C	D	E
26.3%	23.6%	26.6%	29.6%	27.6%

A B C D E

Numerical Ability - Data Interpretation 4



The table above shows the total number of warranty claims for three types of sports utility vehicle. The reason for each claim is shown as a percentage along with the industry average for this type of vehicle. Use this information to answer the following questions.

- 11) How many LandRanger warranty claims involved transmission problems?

A	B	C	D	E
135	140	153	145	122

A B C D E

- 12) How many more warranty claims were made for the SportRanger than the FreeRanger due to electrical problems?

A	B	C	D	E
315	350	305	330	210

A B C D E

- 13) If warranty claims for the FreeRanger matched the industry average, how many bodywork claims would have been made?

A	B	C	D	E
157	150	155	160	165

A B C D E

- 14) If 28,000 LandRangers were sold, what percentage of the total were the subject of a warranty claim due to engine failure?

A	B	C	D	E
0.25%	0.54%	0.74%	0.84%	1.85%

A B C D E

Numerical Ability - Data Interpretation 4

Motorcycle Sales (Model TT950)

Country	Jan	Feb	Mar	Apr	May	Jun	Total
Germany	34	47	45	54	56	60	296
UK	40	44	36	47	47	46	260
France	37	32	32	32	34	33	200
Belgium	14	14	14	16	17	14	89
Spain	29	29	28	31	29	31	177
Italy	22	24	24	26	25	23	144
Total	176	190	179	206	208	207	1166

The table above shows the unit sales of the TT950 motorcycle in six European countries over a six month period. These motorcycles are imported into each country by a main dealer. Use this information to answer the following questions.

- 15) What percentage of the overall total was sold to the Spanish importer?

A	B	C	D	E
18%	12%	15%	17%	14%

A B C D E

- 16) What percentage of the overall total was sold in February?

A	B	C	D	E
18%	12%	16%	17%	14%

A B C D E

- 17) Which month showed the biggest increase in total sales from the previous month?

A	B	C	D	E
Feb	Mar	Apr	May	Jun

A B C D E

- 18) What percentage of the monthly total was sold to the biggest importer in May?

A	B	C	D	E
17%	22%	16%	27%	24%

A B C D E

- 19) What is the average number of units per month imported into the UK over the first four months of the year?

A	B	C	D	E
41.75	43.35	44.75	40.65	43.25

A B C D E

- 20) What percentage of total imports is accounted for by the biggest importers?

A	B	C	D	E
61.6%	62.3%	63.2%	64.8%	66.9%

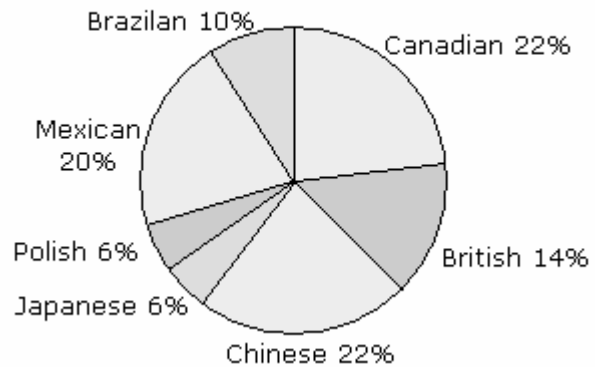
A B C D E

Numerical Ability - Data Interpretation 4

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)



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.

- 21) If 25% of the students joining the faculty of science in 2004 were foreign, how many Mexican students joined the faculty that year?

A	B	C	D	E
10	11	12	13	14

A B C D E

- 22) What percentage of students joined the law faculty over the three year period?

A	B	C	D	E
1.7%	1.8%	3.8%	2.3%	6.8%

A B C D E

- 23) The relative percentage of British students joining the faculty of science doubled in 2005 but the percentage of foreign students remained at 25%. How many British students joined the faculty in 2005?

A	B	C	D	E
18	12	14	15	16

A B C D E

- 24) How many students joined the Engineering and Science faculties in 2003 and 2004?

A	B	C	D	E
644	532	638	660	624

A B C D E

- 25) If 65% 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
340	233	244	433	343

A B C D E

End of Numerical Ability - Data Interpretation Test 4

Numerical Ability - Data Interpretation 4

Answers

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