**UKCAT Quantitative Reasoning Practice Test 3 Answers**

1. The correct answer is A because of the following calculation(s):

500 x 37/100 = 185

1. The correct answer is E because of the following calculation(s):

5% = 1/20 and 20% =1/5

1. The correct answer is D because of the following calculation(s):

Other sources to gas and coal = 100 - 37 - 34 = 29%

500 x 29/100 = 145

1. The correct answer is B because of the following calculation(s):

20% + 1% + 5% + 3% = 29%

29% of 500 billion = 145 billion

1. The correct answer is C because of the following calculation(s):

5% = 1/20th

1. The correct answer is C because of the following calculation(s):

French + UK consumption = 500 + 400 = 900 kW

% = 900/3000 = 30%

1. The correct answer is B because of the following calculation(s):

200 = 200,000/1,000

1. The correct answer is A because of the following calculation(s):

100 - 26 - 17 - 15 - 10 - 5 = 27%

1. The correct answer is A because of the following calculation(s):

Employees per store = 200 (A); 400 (B); 280 (C); 225 (D); and 400(E)

1. The correct answer is C because of the following calculation(s):

Median is the middle score.

The order of the stores is: 100, 300, 400, 500, 1000

1. The correct answer is B because of the following calculation(s):

150000 / 300 = 500

1. The correct answer is D because of the following calculation(s):

Total employees in 3 largest stores = 390,000

Total number of employees = 520,000

390,000: 520,000 = 3:4

1. The correct answer is E because of the following calculation(s):

2003 Income - 2002 income = 175 - 100 = 75

75/100 = 3/4

1. The correct answer is E because of the following calculation(s):

$100 - $175; $175 - $275

1. The correct answer is D because of the following calculation(s):

Total increase (z)=275+200+175+175+225+200=1250

Total increase (account y) = 125 + 100 + 175 + 150 + 100 + 175 = 825

1250-825 = 425; 425 x 2 = $850

1. The correct answer is B because of the following calculation(s):

2001-2002 and 2004-2006 (same income for 2003)

1. The correct answer is A because of the following calculation(s):

125:275 = 5:11 = 5/11ths

1. The correct answer is B because of the following calculation(s):

Difference across accounts y and z each year =150 + 100 + 0 + 25 + 125 + 25 = $425.

1. The correct answer is C because of the following calculation(s):

(12 x 30.00) - 329.99 = £30.01

1. The correct answer is C because of the following calculation(s):

£29.99 x 24 = £719.76

1. The correct answer is A because of the following calculation(s):

The most expensive monthly contract for 12 mths.

12 x £39.99 = £479.88

1. The correct answer is B because of the following calculation(s):

£209.71

Annual contracts: (4 x 329.99 = 1319.96) + (3 x 449.99 = 1349.97) = 2,669.93

Monthly contracts = (12 x 30 x 4) = 1440 + (12 x 39.99 x 3) = 2879.64

Monthly - Annual = £209.71

1. The correct answer is E because of the following calculation(s):

Annual costs of Monthly Contracts: A(£360.00); B(£413.88); C(£478.88); D(£359.88); E(£359.88)

Smallest difference is for Contract E = £10.00 per year

1. The correct answer is D because of the following calculation(s):

360.00 x 95/100 = 342

342 x 40 = 13,680

13680 + (30 x 329.99) = £23,579.70

1. The correct answer is D because of the following calculation(s):

500/11.62 = 43.029

1. The correct answer is D because of the following calculation(s):

125 x 230.31 = 28,789Yen

1. The correct answer is E because of the following calculation(s):

750/2.31 = 324.68 Can$

324.68 x 2.04 = £662.34

1. The correct answer is A because of the following calculation(s):

12.50:11.25 = 10:9

1. The correct answer is B because of the following calculation(s):

Ratio of Aus$:NZ$=2:1

1800/3 = 600 NZ$ (and 1200 Aus $)

1. The correct answer is C because of the following calculation(s):

45,000Yen/255.90 = 175.85

5,600KH$/16.44 = 340.63

500 - 175.85 - 340.63 = £16.48