## Numerical Reasoning Management/Graduate Item Bank - Sample 1

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<u>Instructions</u>

Practise Numerical Reasoning test: Question 1 of 8  $\,$ 

Which mine can produce the greatest amount of units of electricity before it runs out of coal?

|                | World Fossil Fu                         | uel Regulation                             |  |  |  |  |  |
|----------------|---|--|--|--|--|--|--|
| UK Coal Energy |   |  |  |  |  |  |  |
| UKMines        | Extraction<br>(000s tonnes)<br>per year | Electricity<br>production<br>perkg (units) | Remaining<br>coal (millions<br>of tonnes)<br>68.27 |  |  |  |  |
| Folen          | 46,324                                  | 17.0                                       |  |  |  |  |  |
| Dirme          | 34,953                                  | 12.3                                       | 70.95  |  |  |  |  |
| lit            | 74,036                                  | 14.2                                       | 62.73  |  |  |  |  |
| Ryken          | 13,684                                  | 21.0                                       | 61.02  |  |  |  |  |
| All Others     | 385,306                                 | 14.7                                       | 82.63  |  |  |  |  |

- 1 tonne = 1,000 kilog ram s
- An average UK household utilises 4.5 units of electricity per day
- One unit of electricity is sold for £0.08

| Folen |
|-------|
| Dirme |









All Others

Next

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## Numerical Reasoning Management/Graduate Item Bank - Sample 2

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## Progress

<u>Instructions</u>

Practise Numerical Reasoning test: Question 5 of 8

If all staff, both operations and admin, were required to wear trousers, shirts and shoes, how much would this cost the company?

| Staff     |     |             | Purchase | Cost to Company per item |         |        |        |  |
|-----------|-----|-------------|----------|--------------------------|---------|--------|--------|--|
| Туре      | No  | Dress code* | Quantity | Trousers                 | Suits   | Shirts | Shoes  |  |
| Office    | 212 | Admin       | 1-10     | £13.54                   | £137.65 | £7.67  | £32.35 |  |
| Sales     | 64  | Admin       | 11-25    | £8.64                    | £112.35 | £5.23  | £28.64 |  |
| Senior    | 16  | Admin       | 26-50    | £8.26                    | £98,34  | £4.25  | £23.65 |  |
| Delivery  | 33  | Operational | 51-99    | £7.64                    | £85,64  | £4.05  | £20.32 |  |
| Warehouse | 112 | Operational | 100+     | £7.49                    | £76.15  | £3.26  | £18.64 |  |

<sup>\*</sup> Operational workers are only entitled to shirt, trousers and shoes.

Admin workers are only entitled to suits with shoes.

£4,698

£12,843

£18,648

£27,364

£33,615

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