

Data/Solutions for 'Breaking Down the Fractions Dragon'

Introduction

- Dragon weight: 1,200 kg
- Number of spots on dragon's body: 210
- Temperature of dragon's mouth (when relaxed): 200°F
- The rest of the data is irrelevant

First Stage

- Dargonah- Number of purple spots on dragon: $\frac{2}{3} \times 210 = 140$
- Gregorias- Temperature of dragon's mouth (when angered): $\frac{6}{5} \times 200 = 240^\circ\text{F}$
- Beatrix- Amount of water in the dragons body: $\frac{4}{6} \times 1200 = 800\text{kg}$
- Dr Mystera- Number of green spots: $\frac{1}{3} \times 210 = 70$
- Serpyn- Weight of dragon's brain: $\frac{1}{100} \times 1200 = 12\text{kg}$

Second Stage

- Dargonah- Amount of bat saliva: $\frac{1}{200} \times 800 = 4\text{kg}$
- Gregorias- Time (minutes) to cook and dance around the cauldron: $\frac{3}{7} \times 140 = 60$ minutes
- Beatrix- Temperature of cooking: $\frac{5}{8} \times 240 = 150^\circ\text{F}$
- Dr Mystera- Amount of crocodile tears: $\frac{1}{6} \times 12 = 2\text{kg}$
- Serpyn- Number of times to repeat 'Abra Cadabra': $\frac{3}{10} \times 70 = 21$

Third Stage

Each player checks another player's work/solutions