

Friday

HARD

- | | |
|------------------------|-------------------------|
| 1) $\frac{1}{2}$ of 10 | 6) $\frac{1}{2}$ of 14 |
| 2) $\frac{1}{2}$ of 2 | 7) $\frac{1}{2}$ of 16 |
| 3) $\frac{1}{2}$ of 6 | 8) $\frac{1}{2}$ of 100 |
| 4) $\frac{1}{2}$ of 8 | 9) $\frac{1}{2}$ of 18 |
| 5) $\frac{1}{2}$ of 12 | 10) $\frac{1}{2}$ of 20 |

HARDER

- | | |
|-------------------------|-------------------------|
| 1) $\frac{1}{2}$ of 48 | 6) $\frac{1}{6}$ of 108 |
| 2) $\frac{1}{5}$ of 110 | 7) $\frac{1}{7}$ of 126 |
| 3) $\frac{1}{3}$ of 51 | 8) $\frac{1}{5}$ of 200 |
| 4) $\frac{1}{5}$ of 70 | 9) $\frac{1}{4}$ of 56 |
| 5) $\frac{1}{6}$ of 84 | 10) $\frac{1}{5}$ of 80 |

HARDEST

- | | |
|-------------------------|-------------------------|
| 1) $\frac{2}{3}$ of 72 | 6) $\frac{4}{5}$ of 170 |
| 2) $\frac{2}{6}$ of 114 | 7) $\frac{4}{7}$ of 147 |
| 3) $\frac{2}{3}$ of 102 | 8) $\frac{3}{8}$ of 192 |
| 4) $\frac{5}{6}$ of 168 | |
| 5) $\frac{3}{5}$ of 145 | |

HERCULEAN

- 1) Explain how to work out finding fractions of amounts – you could write a set of instructions
- 2) Two friends are travelling the same journey of 312km. One has travelled $\frac{6}{8}$ of the distance and the other has travelled $\frac{4}{6}$ of the journey. Who has travelled further?
- 3) Which of these two fractions is closest to a whole? $\frac{7}{8}$ or $\frac{8}{9}$ how do you know?
- 4) A farmer has 450 acres of land
 - a) He is going to divide it up and sell it as plots of land all of the same size. Write five different possible ways he could do this, as fractions. For example $\frac{1}{2} + \frac{1}{2}$
 - b) If the whole land is worth £11,250, how much should he sell each of the plots of land for in each of your examples? For example, £5625 per plot if he divided it into 2 equal plots.