Whole Numbers

Non-Calculator
(all working must be shown
unless stated)

1. Write down the answers to the following sums without working.
    (a) 200 x 30   (b) 320 x 3000   (c) 27000 x 300
    (d) 140000 ÷ 70   (e) 2400 ÷ 40   (f) 729000 ÷ 900

2. Find answers to the following sums using 'bus shelters' or 'chimney sums':-
    (a) 5915 ÷ 5   (b) 804 x 4   (c) 4536 ÷ 7   (d) 2076 x 9

3. Use 'Grid Multiplication' or 'Long Multiplication' to find:
    (a) 72 x 15   (b) 92 x 55   (c) 805 x 26   (d) 217 x 358

4. Use 'Long Division' to find:
    (a) 322 ÷ 14   (b) 391 ÷ 17   (c) 6111 ÷ 21   (d) 5112 ÷ 36

5. Rounding the following numbers to 1 figure of accuracy:
    (a) 68   (b) 112   (c) 684   (d) 1536
    (e) 7890   (f) 18571   (g) 8.9   (h) 72504

6. Estimate answers to the following questions by first rounding each number
    to 1 figure of accuracy?
    (a) 154 x 11   (b) 404 x 23   (c) 919 x 97
    (d) 377 ÷ 13   (e) 1200 ÷ 48   (f) 1748 ÷ 38

Challenge Question:

The world's largest coin, made by the Royal Mint of Canada, was auctioned in June 2010. The coin weighs 100 kilogrammes, whereas a standard British £1 coin weighs 10 grammes.

What sum of money (in £1 coins) has the same mass as the record-breaking coin?