

Mental Maths 90 – Week 8

1.	700 x 0.04 = 28	21.	450 x 50 = 22500
2.	40 ÷ 800 = 0.05	22.	3500 ÷ 50 = 70
3.	4.2 ÷ 7000 = 0.0006	23.	$\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$
4.	11% of 65 = 7.15	24.	$\frac{3}{7} \times 5600 = 2400$
5.	$2\frac{1}{2} \times 0.4 = 10$	25.	$\frac{11}{12} \times 2 = 1\frac{5}{6}$
6.	73% of 800 = 584	26.	51 x 25 = 1275
7.	$\frac{2}{30}$ of 10 = 0.667	27.	62 x 45 = 2790
8.	$\frac{19}{20}$ as % = 95%	28.	$13 + 6 \times 4^2 = 99$
9.	$\frac{5}{60}$ as a decimal = 0.0833	29.	$15 + 6 \times 7 = 57$
10.	$93 \div 4 = 23.25$	30.	$(15 + 6) \times 7 = 147$
11.	$93 \div 5 = 18.6$	31.	$\frac{1}{5} - \frac{1}{8} = \frac{3}{40}$
12.	$801 \div 8 = 100.125$	32.	$99 \times 363 = 35937$
13.	$3.8 \times 4 = 15.2$	33.	$10.2 \times 9 = 91.8$
14.	$417 \div 4 = 104.25$	34.	$77 \times 99\% = 76.23$
15.	$725 \times 0.2 = 145$	35.	$20 - 16\frac{3}{7} = 3\frac{4}{7}$
16.	$22^2 = 484$	36.	$98 \times 7 = 686$
17.	simplify $\frac{14}{35} = \frac{2}{5}$	37.	$75p - 18 = 132 \quad p = 2$
18.	simplify $\frac{34}{85} = \frac{2}{5}$	38.	If $x = 17$ what is $9x - 50$? 103
19.	$3 \div 80 = 0.0375$	39.	What is the largest common factor of 30 and 75? = 15
20.	$2.5 \times 25 = 62.5$	40.	Is 2252 a multiple of 4? Yes (563×4)