

**Homework sheet 29: Estimating**

Examples (a)  $5.07 \times 98.7$  is about  $5 \times 100 = 500$   
 (b)  $196.2 \times 10.7$  is about  $200 \times 10 = 2000$   
 (c)  $307.4 \div 28.61$  is about  $300 \div 30 = 10$

Do not use a calculator. Decide, by estimating, which of the three answers is closest to the exact answer. Circle the answer.

	Calculation	A	B	C
1.	$97.9 \times 11.3$	90	500	1000
2.	$6.73 \times 9.65$	30	70	300
3.	$1.03 \times 60.6$	6	60	200
4.	$2.3 \times 96$	200	90	20
5.	$18.9 \times 21.4$	200	400	4000
6.	$5.14 \times 5.99$	15	10	30
7.	$811 \times 11.72$	8000	4000	800
8.	$99 \times 98$	1 million	100 000	10 000
9.	$1.09 \times 29.6$	20	30	60
10.	$81\,413 \times 10.96$	8 million	1 million	800 000
11.	$307.4 \div 1.97$	50	100	150
12.	$81.2 \div 0.99$	8	0.8	80
13.	$6121 \div 102.4$	60	300	600
14.	$59.71 \div 3.14$	10	20	180
15.	$1072 \div 987.2$	0.2	1	10
16.	$614 - 297.4$	300	100	3000
17.	$0.104 + 0.511$	0.06	0.1	0.6
18.	$8216.1 + 1.44$	800	4000	8000
19.	51% of £8018.95	£40	£400	£4000
20.	9% of £205.49	£10	£20	£200