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# Q&A Booklet:

## Key Facts to Memorise

### Broad General Education Booklet 1

#### Ways of using this booklet:

- 1) Write the questions on cards with the answers on the back and **test yourself**.
- 2) **Work with a friend** who is also doing National 3 Applications to take turns reading a random question and answering.
- 3) **Ask a friend or family member** to test you by reading questions (on the left-hand side) to you.

The questions are on the left-hand side of each page and the answers are on the right.

## Choosing the Sum

1) What two type of sums might you do if the question asks you to work out the <b>total</b> ?	Add or multiply
2) What type of sum do you do when the question asks <b>how much is left</b> ?	Take away
3) What type of sum do you do when the question asks you to <b>share equally</b> ?	Divide

## Fractions and Percentages

4) Fractions: What sum do you do to work out $\frac{1}{2}$ (one half) of something?	Divide by 2
5) Fractions: What sum do you do to work out $\frac{1}{4}$ (one quarter) of something?	Divide by 4
6) Fractions: What sum do you do to work out $\frac{1}{3}$ (one third) of something?	Divide by 3
7) Fractions: What sum do you do to work out $\frac{1}{5}$ (one fifth) of something?	Divide by 5
8) Fractions: What sum do you do to work out $\frac{1}{10}$ (one tenth) of something?	Divide by 10
9) What does 0% mean?	Nothing
10) What does 50% mean?	Half
11) What does 100% mean?	All of it

## Multiply and Divide

12) What is double 3?	6
13) What is double 4?	8
14) What is double 5?	10
15) What is double 6?	12
16) What is double 7?	14
17) What is double 8?	16
18) What is double 9?	18

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19) What is double 10?	20
20) What is double 20?	40
21) What is double 30?	60
22) What is double 40?	80
23) What is double 50?	100
24) What is $2 \times 2$ ?	4
25) What is $2 \times 3$ ?	6
26) What is $2 \times 4$ ?	8
27) What is $2 \times 5$ ?	10
28) What is $2 \times 10$ ?	20
29) What is $3 \times 3$ ?	9
30) What is $3 \times 4$ ?	12
31) What is $3 \times 5$ ?	15
32) What is $3 \times 10$ ?	30
33) What is $4 \times 4$ ?	16
34) What is $4 \times 5$ ?	20
35) What is $5 \times 5$ ?	25
36) What is $5 \times 10$ ?	50
37) What is $6 \times 2$ ?	12
38) What is $6 \times 3$ ?	18
39) What is $6 \times 5$ ?	30
40) What is $6 \times 10$ ?	60
41) What is $7 \times 2$ ?	14
42) What is $7 \times 3$ ?	21
43) What is $7 \times 5$ ?	35
44) What is $7 \times 10$ ?	70
45) What is $8 \times 2$ ?	9
46) What is $8 \times 3$ ?	24
47) What is $8 \times 4$ ?	32
48) What is $8 \times 5$ ?	40
49) What is $8 \times 10$ ?	80
50) What is $9 \times 2$ ?	18
51) What is $9 \times 3$ ?	27
52) What is $9 \times 4$ ?	36
53) What is $9 \times 5$ ?	45
54) What is $9 \times 10$ ?	90

## Add and Take Away

55) What do you add to 1 to make 10?	9
56) What do you add to 2 to make 10?	8
57) What do you add to 3 to make 10?	7
58) What do you add to 4 to make 10?	6
59) What do you add to 5 to make 10?	5
60) What do you add to 6 to make 10?	4
61) What do you add to 7 to make 10?	3
62) What do you add to 8 to make 10?	2
63) What do you add to 9 to make 10?	1
64) What is $5 + 6$ ?	11
65) What is $5 + 7$ ?	12
66) What is $5 + 8$ ?	13
67) What is $5 + 9$ ?	14
68) What is $6 + 5$ ?	11
69) What is $6 + 6$ ?	12
70) What is $6 + 7$ ?	13
71) What is $6 + 8$ ?	14
72) What is $6 + 9$ ?	15
73) What is $7 + 5$ ?	12
74) What is $7 + 6$ ?	13
75) What is $7 + 7$ ?	14
76) What is $7 + 8$ ?	15
77) What is $7 + 9$ ?	16
78) What is $8 + 5$ ?	13
79) What is $8 + 6$ ?	14
80) What is $8 + 7$ ?	15
81) What is $8 + 8$ ?	16
82) What is $8 + 9$ ?	17
83) What is $9 + 5$ ?	14
84) What is $9 + 6$ ?	15
85) What is $9 + 7$ ?	16
86) What is $9 + 8$ ?	17
87) What is $9 + 9$ ?	18

## Measurement

88) How many <b>centimetres</b> are in a <b>metre</b> ?	100
89) How many <b>metres</b> are in a <b>kilometre</b> ?	1000
90) How many <b>millimetres</b> are in a <b>centimetre</b> ?	10
91) How many <b>grams</b> are in a <b>kilogram</b> ?	1000
92) How many <b>millilitres</b> are in a <b>litre</b> ?	1000

## Time

93) How many seconds are in a minute?	60
94) How many minutes are in an hour?	60
95) How many days are in a week?	7
96) How many weeks are in a year?	52
97) How many days are in a normal year?	365
98) How many hours are in a day?	24

## Angle

99) How many degrees are in a right angle?	90
100) What is the name of the type of angle that is <u>smaller</u> than a right angle?	Acute angle
101) What is the name of the type of angle that is <u>larger</u> than a right angle?	Obtuse angle

## Money

102) How many pence are there in one pound?	100
103) What type of sum do you do to work out a <b>discount</b> ?	Take away
104) What does <b>income</b> mean?	The money you get in
105) What does <b>expenditure</b> mean?	The money you spend