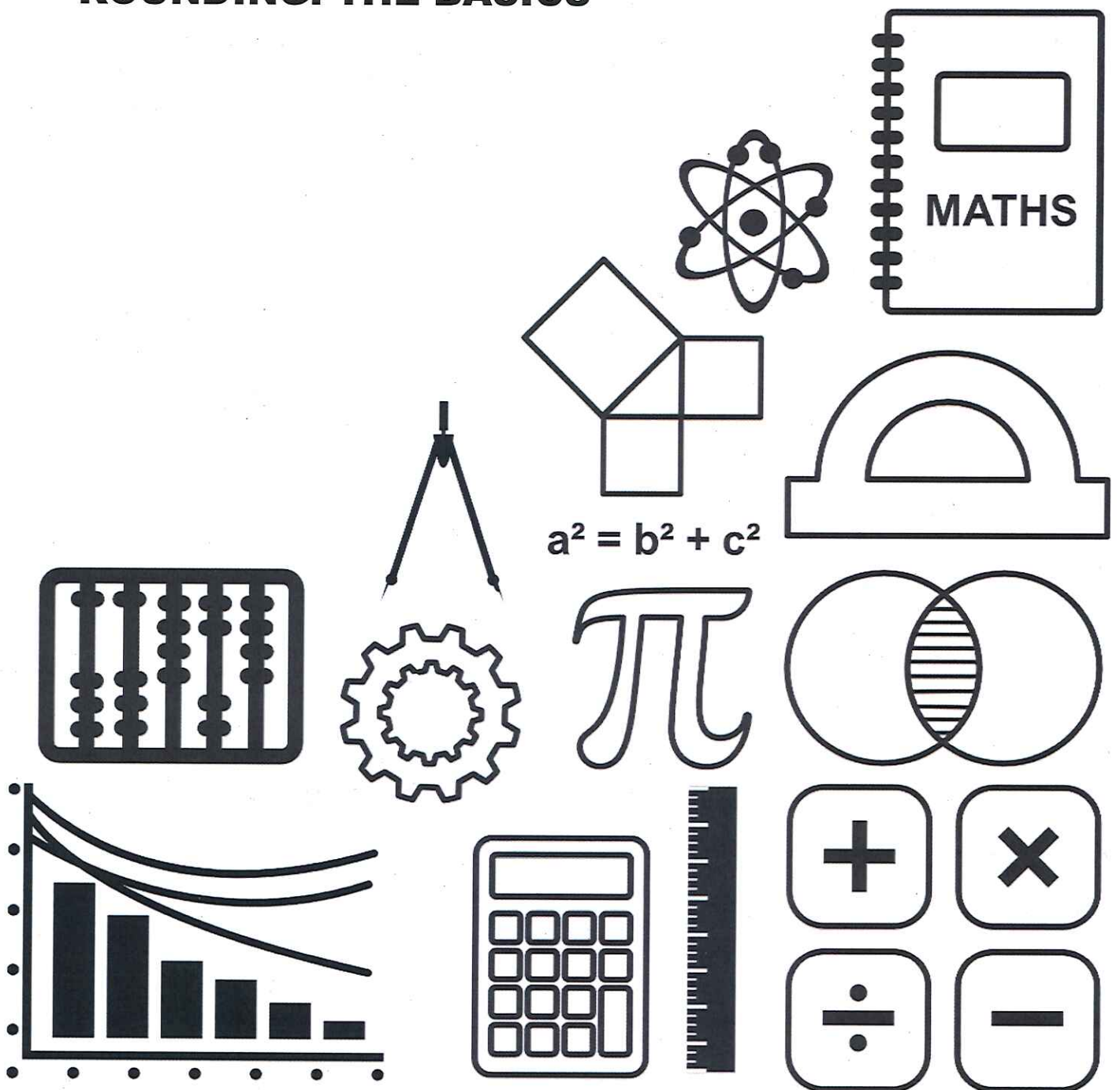


# MATHS DIY

## GCSE TOPIC BOOKLET ROUNDING: THE BASICS

SOLUTIONS



1. Write 8726

(i) correct to the nearest 10,

8730

(ii) correct to the nearest 100.

8700

[2]

2. Write 8563

(i) correct to the nearest 10,

8560

(ii) correct to the nearest 100.

8600

[2]

3. Write 6579 correct to the nearest 10.

6580

[1]

4. Write 9374

(i) correct to the nearest 10,

9370

(ii) correct to the nearest 100.

9400

[2]

5. Write 7936

(i) correct to the nearest 10,

7940

(ii) correct to the nearest 100.

7900

[2]

6. Write 8623

(i) correct to the nearest 10,

8620

(ii) correct to the nearest 1000.

9000

[2]

7. Write 4736

(i) correct to the nearest 10,

4740

(ii) correct to the nearest 100.

4700

[2]

8. Write 5627

(i) correct to the nearest 10,

5630

(ii) correct to the nearest 100.

5600

[2]

9. Write 7458

(i) correct to the nearest 10,

7460

(ii) correct to the nearest 1000.

7000

[2]

10. Write 97645

(i) correct to the nearest 100,

97600

(ii) correct to the nearest 1000.

98000

[2]

11. Write 2.451

(i) correct to the nearest whole number,

2

(ii) correct to one decimal place.

2.5

(2)

12. Write 84.2761

(i) correct to the nearest whole number,

84

(ii) correct to one decimal place.

84.3

(2)

13. Write 290.872

(i) correct to the nearest whole number,

291

(ii) correct to one decimal place,

290.9

(iii) correct to the nearest 100,

300

(iv) correct to two decimal places.

290.87

(4)

14. Write 760.984

(i) correct to the nearest whole number,

761

(ii) correct to one decimal place,

761.0

(iii) correct to the nearest 100,

800

(iv) correct to two decimal places.

760.98

(4)

15. Write 12.709

(i) correct to the nearest whole number,

13

(ii) correct to one decimal place.

12.7

(2)

16. Write 0.1798

(i) correct to one decimal place,

0.2

(ii) correct to two decimal places.

0.18

(2)

17. Write 299.952

(i) correct to the nearest whole number,

300

(ii) correct to one decimal place.

300.0

(2)

18. Write 9.00349

(i) correct to one decimal place,

9.0

(ii) correct to three decimal places.

9.003

(2)

19. Write 910.8047

(i) correct to the nearest whole number,

911

(ii) correct to one decimal place,

910.8

(iii) correct to the nearest 100,

900

(iv) correct to two decimal places.

910.80

(4)