

Decimal Places

1. Round the following numbers to one decimal place.

- (a) 4.267 (b) 14.774 (c) 1.651 (d) 4.87 (e) 18.152 (f) 2.085
(g) 7.510 (h) 6.551 (i) 42.670 (j) 4.51 (k) 1.4308 (l) 24.859
(m) 689.2544 (n) 55.847155 (o) 3874.9886541

2. Round the following numbers to two decimal places.

- (a) 5.187 (b) 2.885 (c) 3.221 (d) 12.555 (e) 19.352 (f) 2.065
(g) 7.653 (h) 66.549 (i) 4.2501 (j) 4.4833 (k) 78.209 (l) 29.899
(m) 6.35987 (n) 557.87123 (o) 3829.098724 (p) 351.743234

3. Round the following numbers to three decimal places.

- (a) 8.5181 (b) 2.4882 (c) 2.8217 (d) 5.3454 (e) 19.5251 (f) 2.073127
(g) 76.87652 (h) 614.5629 (i) 42.552132 (j) 4.494879 (k) 78.26509 (l) 297.9762
(m) 9.89345 (n) 584.797155 (o) 37.749886541 (p) 35.907615

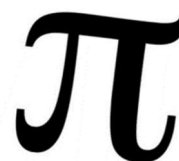
4. A car measures 2.763m in length. Round this length to 1d.p.



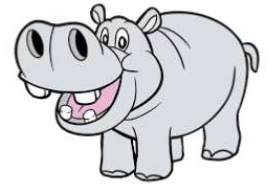
5. The value of pi is 3.1415926535897932384626433832795.....

Round this value to:

- (a) 1d.p.
(b) 2d.p.
(c) 3d.p.



6. A hippo weighs 1724.389kg. What is the weight of the hippo to the 2d.p.?



7. Jerry uses an online calculator to change his money from pounds into euros.

The calculator tells him he should receive €381.4752.

How many euros should Jerry receive in real life?

8. Carry out the following calculations and round your answers to 2d.p. (CALCULATOR)

(a) $284 \div 13$

(b) 31.20×1.342

(c) $283 \div 7$

(d) $8 \div 3.14$

(e) 0.97×121.32

(f) 3.96^2

(g) $13.1 \div 8$

(h) 2.5^3