

TARGET To round decimals to the nearest tenth or hundredth.

Examples

Rounding to the nearest whole number.

$$4.93 \rightarrow 5$$

$$97.286 \rightarrow 97$$

Rounding to the nearest tenth.

$$10.34 \rightarrow 10.3$$

$$0.284 \rightarrow 0.3$$

Rounding to the nearest hundredth.

$$5.481 \rightarrow 5.48$$

$$6.1552 \rightarrow 6.16$$

Rounding to the nearest thousandth.

$$0.3716 \rightarrow 0.372$$

$$8.5193 \rightarrow 8.519$$

A

Copy and complete by choosing one of the numbers in the brackets.

1 $2.4 \rightarrow (2, 3)$

2 $6.6 \rightarrow (6, 7)$

3 $12.9 \rightarrow (12, 13)$

4 $1.1 \rightarrow (1, 2)$

5 $9.5 \rightarrow (9, 10)$

6 $4.37 \rightarrow (4.3, 4.4)$

7 $1.92 \rightarrow (1.9, 2.0)$

8 $2.75 \rightarrow (2.7, 2.8)$

9 $5.48 \rightarrow (5.4, 5.5)$

10 $1.63 \rightarrow (1.6, 1.7)$

Round to the nearest:

a) pound

b) 10p.

11 £5.26

17 £1.05

12 £8.94

18 £96.68

13 £7.45

19 £2.44

14 £11.72

20 £81.56

15 £9.39

21 £5.03

16 £3.21

22 £10.99

B

Round to the nearest tenth.

1 1.37

6 8.427

2 6.536

7 2.883

3 4.26

8 91.109

4 31.95

9 1.692

5 7.74

10 13.36

Round to the nearest hundredth.

11 0.759

16 0.523

12 4.394

17 5.976

13 1.162

18 61.468

14 17.285

19 20.831

15 3.007

20 6.625

Round to the nearest:

a) 100 g

b) 10 g.

21 1.348 kg

22 10.782 kg

23 9.145 kg

24 21.096 kg

25 152.563 kg

26 0.177 kg

27 34.459 kg

28 273.105 kg

C

Round to the nearest hundredth.

1 0.326

6 6.737

2 2.583

7 0.175

3 14.952

8 51.249

4 1.808

9 3.761

5 2.093

10 8.454

Round to the nearest thousandth.

11 1.7292

16 0.1739

12 0.3546

17 6.1371

13 2.1062

18 2.8653

14 3.4128

19 5.2982

15 1.0851

20 0.5417

Round to the nearest:

a) $\frac{1}{100}$

b) $\frac{1}{1000}$

21 3.636363

22 0.372519

23 1.81912

24 7.054806

25 4.513513

26 0.714285714

27 6.157894737

28 1.0053816