

Name:

Class/Set:

Decimal Places and Significant Figures

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1: How many decimal places?

a) 6.439

b) 0.00397

c) 0.36779

d) 0.0002

2: How many significant figures?

a) 71

b) 76424

c) 5.14

d) 0.007319

3: Round to the required accuracy:

a) 0.85 to 1 d.p.

b) 0.08615 to 3 d.p.

c) 5.4873331 to 5 d.p.

d) 17.8993291 to 4 d.p.

4: Round to the required accuracy:

a) 9559.821 to 5 s.f.

b) 4.695 to 1 s.f.

c) 0.0386875 to 4 s.f.

d) 0.0008885 to 2 s.f.

Answers: Decimal Places and Significant Figures

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1: a) 3 decimal places b) 5 decimal places c) 5 decimal places d) 4 decimal places

2: a) 2 sig figs b) 5 sig figs c) 3 sig figs d) 4 sig figs

3: a) 0.8 b) 0.086 c) 5.48733 d) 17.8993

4: a) 9559.8 b) 5 c) 0.03869 d) 0.00089