

# Rounding Recap

Decimal Places

Round to

1 dp

2 dp

3 dp

1) 86.4792

86.5

86.48

86.479

2) 1.5587

1.6

1.56

1.559

Exercise

3) 4.2828

4.3

4.28

4.283

4) 3.4567

3.5

3.46

3.457

5) 7.6543

7.7

7.65

7.654

6) 6.6997

6.7

6.70

6.700

7) 8.4288

8.4

8.43

8.429

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Error Intervals

1)  $x = 4.37$  to 2 d.p.

$$4.365 \leq x < 4.375$$

2)  $y = 5.9$  to 1 d.p.

$$5.85 \leq y < 5.95$$

3)  $p = 7.88$  to 2 d.p.

$$7.875 \leq p < 7.885$$

4)  $q = 3.1$  to 1 d.p.

$$3.05 \leq q < 3.15$$

5)  $r = 17$  to nearest whole number

$$16.5 \leq r < 17.5$$

$$6) \quad x = 230 \text{ to 2 s.f.} \quad 225 \leq x < 235$$

$$7) \quad y = 4000 \text{ to 1 s.f.} \quad 3500 \leq y < 4500$$

$$8) \quad p = 300 \text{ to 1 s.f.} \quad 250 \leq p < 350$$

$$9) \quad q = 8500 \text{ to 2 s.f.} \quad 8450 \leq q < 8550$$

$$10) \quad r = 12,700 \text{ to 3 s.f.} \quad 12,650 \leq r < 12,750$$

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