**Rounding to Significant Figures GREEN**

1) How many significant figures does each number have?

(a) 0.123 \_\_\_ (b) 0.01724 \_\_\_ (c) 0.0006 \_\_\_ (d) 0.050 \_\_\_

(e) 0.2020 \_\_\_ (f) 0.0110010 \_\_\_

2) The attendance at a World Cup match was 92 847. Round this figure to

(a) 4 s.f. \_\_\_\_\_\_\_\_ (b) 3 s.f. \_\_\_\_\_\_\_\_

(c) 2 s.f. \_\_\_\_\_\_\_\_ (d) 1 s.f. \_\_\_\_\_\_\_\_

3) Round each of the following to 1 s.f.

(a) 0.0781 \_\_\_\_\_\_\_\_

(b) 0.93265 \_\_\_\_\_\_\_\_

(c) 0.00473 \_\_\_\_\_\_\_\_

(d) 0.00097 \_\_\_\_\_\_\_\_

4) Round each of the following to 2 s.f.

(a) 0.137 \_\_\_\_\_\_\_\_

(b) 0.896 \_\_\_\_\_\_\_\_

(c) 0.05771 \_\_\_\_\_\_\_\_

(d) 0.006031 \_\_\_\_\_\_\_

5) The number 1628 has 4 significant figures.

(a) Round it to 3 s.f. \_\_\_\_\_\_\_\_

(b) Round it to 2 s.f. \_\_\_\_\_\_\_\_

**Rounding to Significant Figures GREEN**

1) How many significant figures does each number have?

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(d) 0.006031 \_\_\_\_\_\_\_

5) The number 1628 has 4 significant figures.

(a) Round it to 3 s.f. \_\_\_\_\_\_\_\_

(b) Round it to 2 s.f. \_\_\_\_\_\_\_\_

**Rounding to Significant Figures AMBER**

1) How many significant figures does each number have?

Find the first ‘non-zero’ digit in your number – this is your first significant figure (and every digit after this is significant, even zeros).

(a) 0.123 \_\_\_ (b) 0.01724 \_\_\_ (c) 0.0006 \_\_\_ (d) 0.050 \_\_\_

(e) 0.2020 \_\_\_ (f) 0.0110010 \_\_\_

2) The attendance at a World Cup match was 92 847. Round this figure to

(a) 4 s.f. \_\_\_\_\_\_\_\_ (b) 3 s.f. \_\_\_\_\_\_\_\_

(c) 2 s.f. \_\_\_\_\_\_\_\_ (d) 1 s.f. \_\_\_\_\_\_\_\_

3) Round each of the following to 1 s.f.

Every digit after the first significant figure is significant, even zeros.

(a) 0.0781 \_\_\_\_\_\_\_\_

(b) 0.93265 \_\_\_\_\_\_\_\_

(c) 0.00473 \_\_\_\_\_\_\_\_

(d) 0.00097 \_\_\_\_\_\_\_\_

4) Round each of the following to 2 s.f.

every digit after the first significant figure is significant, even zeros.

(a) 0.137 \_\_\_\_\_\_\_\_

(b) 0.896 \_\_\_\_\_\_\_\_

(c) 0.05771 \_\_\_\_\_\_\_\_

(d) 0.006031 \_\_\_\_\_\_\_

5) The number 1628 has 4 significant figures.

(a) Round it to 3 s.f. \_\_\_\_\_\_\_\_

(b) Round it to 2 s.f. \_\_\_\_\_\_\_\_

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Find the first ‘non-zero’ digit in your number – this is your first significant figure (and every digit after this is significant, even zeros).

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4) Round each of the following to 2 s.f.

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(b) 0.896 \_\_\_\_\_\_\_\_

(c) 0.05771 \_\_\_\_\_\_\_\_

(d) 0.006031 \_\_\_\_\_\_\_

5) The number 1628 has 4 significant figures.

(a) Round it to 3 s.f. \_\_\_\_\_\_\_\_

(b) Round it to 2 s.f. \_\_\_\_\_\_\_\_

**Rounding to Significant Figures RED**

1) How many significant figures does each number have?

Find the first ‘non-zero’ digit in your number – this is your first significant figure (and every digit after this is significant, even zeros).

(a) 0.123 \_\_\_ (b) 0.01724 \_\_\_ (c) 0.0006 \_\_\_ (d) 0.050 \_\_\_

(e) 0.2020 \_\_\_ (f) 0.0110010 \_\_\_

2) The attendance at a World Cup match was 92 847. Round this figure to

(a) 4 s.f. \_\_\_\_\_\_\_\_ (b) 3 s.f. \_\_\_\_\_\_\_\_

(c) 2 s.f. \_\_\_\_\_\_\_\_ (d) 1 s.f. \_\_\_\_\_\_\_\_

3) Round each of the following to 1 s.f.

Every digit after the first significant figure is significant, even zeros.

(a) 0.0781 \_\_\_\_\_\_\_\_

(b) 0.93265 \_\_\_\_\_\_\_\_

(c) 0.00473 \_\_\_\_\_\_\_\_

(d) 0.00097 \_\_\_\_\_\_\_\_

4) Round each of the following to 2 s.f.

every digit after the first significant figure is significant, even zeros.

(a) 0.137 \_\_\_\_\_\_\_\_

(b) 0.896 \_\_\_\_\_\_\_\_

(c) 0.05771 \_\_\_\_\_\_\_\_

(d) 0.006031 \_\_\_\_\_\_\_

5) The number 1628 has 4 significant figures.

(a) Round it to 3 s.f. \_\_\_\_\_\_\_\_

(b) Round it to 2 s.f. \_\_\_\_\_\_\_\_

**Rounding to Significant Figures RED**

1) How many significant figures does each number have?

Find the first ‘non-zero’ digit in your number – this is your first significant figure (and every digit after this is significant, even zeros).

(a) 0.123 \_\_\_ (b) 0.01724 \_\_\_ (c) 0.0006 \_\_\_ (d) 0.050 \_\_\_

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(d) 0.006031 \_\_\_\_\_\_\_

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(a) Round it to 3 s.f. \_\_\_\_\_\_\_\_

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