

1. express each number to 2 significant figures:

(a) 45.9

(b) 0.256

(c) 0.001892

(d) 2.016

(e) 571.9

(f) 21.09

(g) 89.06

(h) 2.099

(i) 345.7

2. express each number to 3 significant figures:

(a) 95.53

(b) 417.6

(c) 2.859

(d) 0.003912

(e) 49.83

(f) 0.0007919

(g) 0.039128

(h) 5.876

(i) 34.87

3. express each number to 4 significant figures:

(a) 87.491

(b) 526.79

(c) 2.7482

(d) 0.0048219

(e) 58.949

(f) 0.00081128

(g) 0.041936

(h) 4.9897

(i) 49.219

4. express each number to 5 significant figures:

(a) 202.569

(b) 1592.56

(c) 2567.91

(d) 529211.6

(e) 679229.2

(f) 0.0192654

(g) 0.00911987

(h) 955.216

(i) 59.01256

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|---------|----------|------------|
| (a) 46 | (b) 0.26 | (c) 0.0019 |
| (d) 2.0 | (e) 570 | (f) 21 |
| (g) 89 | (h) 2.1 | (i) 350 |

- 2.
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|-------------|----------|--------------|
| (a) 95.5 | (b) 418 | (c) 2.86 |
| (d) 0.00391 | (e) 49.8 | (f) 0.000792 |
| (g) 0.0391 | (h) 5.88 | (i) 34.9 |

- 3.
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|--------------|-----------|---------------|
| (a) 87.49 | (b) 526.8 | (c) 2.748 |
| (d) 0.004822 | (e) 58.95 | (f) 0.0008113 |
| (g) 0.04194 | (h) 4.990 | (i) 49.22 |

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|---------------|------------|--------------|
| (a) 202.57 | (b) 1592.6 | (c) 2567.9 |
| (d) 529210 | (e) 679230 | (f) 0.019265 |
| (g) 0.0091199 | (h) 955.22 | (i) 59.013 |