

### Rounding to significant figures

1. Round these numbers to one significant figure:  
a. 543      b. 32 359      c. 12 638      d. 54  
e. 21 987      f. 476      g. 2 541 209      h. 88 312
  
2. Round these numbers to two significant figures:  
a. 543      b. 32 359      c. 12 638      d. 54  
e. 21 987      f. 476      g. 2 541 209      h. 88 312
  
3. Round these numbers to one significant figure:  
a. 0.3218      b. 1.583      c. 0.09184      d. 0.5248  
e. 0.007081 2      f. 4.08215      g. 41.3287      h. 0.00072109
  
4. Round these numbers to three significant figures:  
a. 0.3218      b. 1.583      c. 0.09184      d. 0.5248  
e. 0.007081 2      f. 4.08215      g. 41.3287      h. 0.00072109
  
5. The diameter of Jupiter is 139 822 km. What is this to:  
a. 1 s.f.      b. 2 s.f.      c. 3 s.f.?
  
6. A flea weighs 0.000453298 g. What is its weight to:  
a. 1 s.f.      b. 2 s.f.      c. 3 s.f.?
  
7. Estimate the answer to each of these questions by rounding to 1 s.f.  
a.  $5.6 \times 8.378$       b.  $589 \div 1.732$