

## SIG.FIG. PRACTICE #2

For #1-8, give the number of s.f. and all applicable reasons.

- 1) 120.
- 2) 0.123
- 3) 40 506
- 4)  $9.800 \times 10^4$
- 5) 4.560 00
- 6) 0.078
- 7) 0.070 80
- 8) 98 000

For #9-12, round each number to the specified number of sig.figs.

- 9) 314.721 (to 4)
- 10) 0.001775 (to 2)
- 11) 6.432 (to 1)
- 12) 8 792 (to 2)

For #13-18, round each number to 3 sig.figs.

- 13) 87.073
- 14)  $4.362 1 \times 10^8$
- 15) 0.015 52
- 16) 9 009
- 17)  $1.777 77 \times 10^{-3}$
- 18) 629.55

For #19-22, record the answer in the proper number of sig.figs.

- 19)  $12.52 + 349.0 + 8.24$
- 20)  $74.626 - 28.34$
- 21)  $7.55 \times 0.34$
- 22)  $0.365 / 0.020 000$