Dimensional Algebra

The letters a, b and c are lengths, A and B are areas and V is a volume. State whether each of the following is a length, an area, a volume or meaningless:

(a) $a + b$ (b) $4\pi ab$ (c) $4\pi a^3$ (d) $2\pi(a + c)$ (e) abc

(f) $\dfrac{A}{b}$ (g) $2Ab$ (h) $\pi B + ac$ (i) πab^2 (j) $\pi(a^2 + b^2)$

(k) $\dfrac{V}{a}$ (l) $a^2 + b^3$ (m) $a(a + b)$ (n) $\dfrac{V}{ab}$ (o) $V + ab$