Special Problem 2-3.5

Mark the following expressions as either a scalar quantity (S), a vector quantity (V), or neither (N) (i.e. N indicates that the expression has no mathematical meaning).

\[ A(B \cdot C) \] 
\[ (A \cdot B) + C \] 
\[ (A \cdot B) \cdot C \] 
\[ (A \times B) \cdot C \] 
\[ C(A \cdot B) - (A \cdot C)B \] 
\[ C \cdot (A + B) + A \cdot (B \times C) \] 
\[ A \cdot B \times C \cdot D \] 
\[ \frac{A}{B} \] 
\[ \frac{A}{B \cdot C} \] 
\[ \frac{A \cdot B}{A \cdot C} \]