

- 29** Monochromatic light of frequency f is incident on a diffraction grating of line spacing d . The speed of light is c .

Which expression can be used to determine the highest order of intensity maximum produced by the grating?

A $n = \frac{d}{cf}$

B $n = \frac{df}{c}$

C $n = \frac{dc}{f}$

D $n = \frac{c}{df}$