



ACT/Preflight 15.6

Unpolarized light (like the light from the sun) passes through a polarizing sunglass (a linear polarizer). The intensity of the light when it emerges is

- 1. zero**
- 2. $1/2$ what it was before**
- 3. $1/4$ what it was before**
- 4. $1/3$ what it was before**
- 5. need more information**