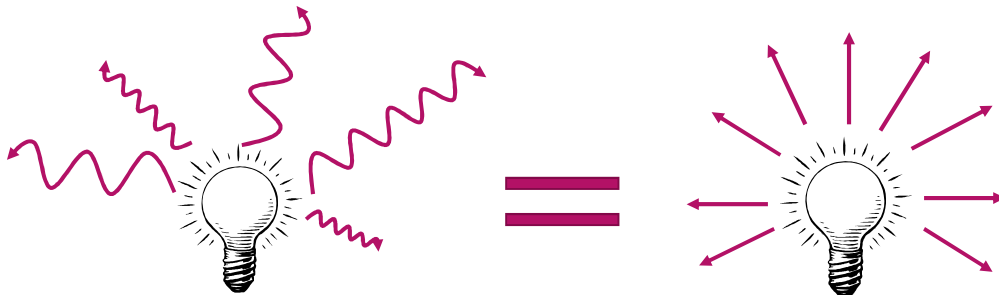


Lasers & Ray Model of Light

Isn't Light a Wave?

► Can we make this simplification?



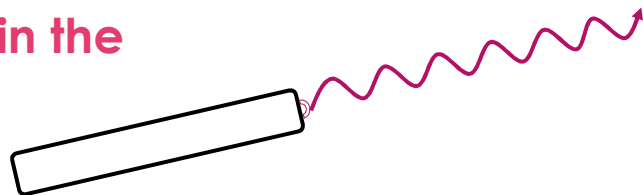
Lasers!

- ▶ <https://www.youtube.com/watch?v=IEpi9qAfRaE>
- ▶ <https://www.youtube.com/watch?v=zrpZ8RHChH8>
- ▶ **We can see a flashlight beam, but why can't we see a laser beam?**



Light from Lasers

- ▶ **Lasers emit light in the**
 - ▶ Same direction
 - ▶ Same colour
- ▶ **Hard to see unless there is something in the way of laser's path that reflects the light in your direction**



Light as Rays

- ▶ Light will be shown as “rays” from now on



Shadows

- ▶ Think about this:
 - ▶ If light didn't travel in straight lines, we would not have shadows!

