

SKE+ Learning together through Problem Solving

An invitation to do some mathematics

Strand A Computation

Two Machines, One Job

Ron's Recycle Shop was started when Ron bought a used paper-shredding machine. Business was good, so Ron bought a new shredding machine. The old machine could shred a truckload of paper in 4 hours. The new machine could shred a truckload in only 2 hours. How long will it take to shred a truckload of paper if Ron runs both shredders at the same time?