

A Tuler 2 Books

8 J #2

B Ben 1 Book

4 Joules #3

C Noah 1 Book

4 Joules #3

E ALbert 3 Books

12 J #1

F RYAN 3 Books

12 J #1

G Juliet 2 Books

8 Joules #2

WORK = FORCE APPLIED
THAT IS PARALLEL
TO THE DISTANCE
TRAVELLED.

FORCE APPLIED HAS TO
WORK AGAINST ANOTHER
FORCE

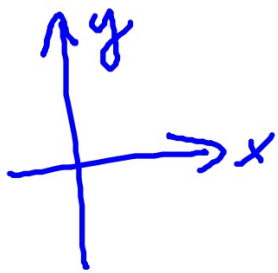
WORK DOES NOT
DEPEND ON THE PATH
TRAVELED.

WORK ONLY RELIES ON
START POINT + END POINT.

$$\text{WORK} = F_{||} d$$

↑
WORK

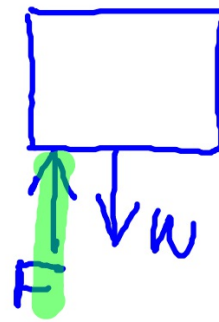
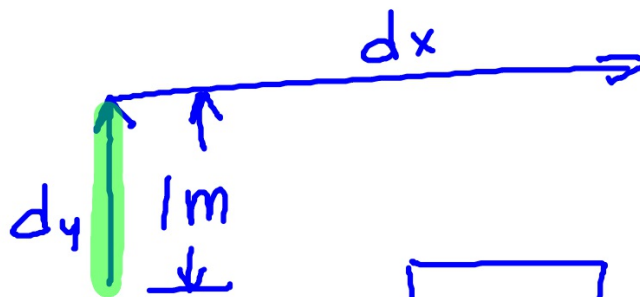
SCALAR
UNITS OF MEASURE
Joules



Weight
 $W = 4\text{ N}$
 $F = 4\text{ N}$

$$\text{Work} = F_{\parallel} d$$

$$\text{Work} = (4\text{ N})(1\text{ m}) = 4\text{ J}$$



$$J = \text{N} \cdot \text{m}$$

