



Vectors • Grade 12

Name _____ Date _____ Score _____ / 4

01

Force $\vec{F} = \langle 6, 7 \rangle$ N, displacement $\vec{d} = \langle 0, -6 \rangle$ m. Find the work done $W = \vec{F} \cdot \vec{d}$
=

02

Force $\vec{F} = \langle -6, -3 \rangle$ N, displacement $\vec{d} = \langle 4, 9 \rangle$ m. Find the work done $W = \vec{F} \cdot \vec{d}$
 $\vec{d} =$

03

$\vec{a} = \langle 2, -7, 10 \rangle, \vec{b} = \langle -5, -3, 6 \rangle$. Find the parallelogram area $|\vec{a} \times \vec{b}| \approx$ _____

04

Find $\vec{AB}$ given A(-8, -7) and B(-6, 5) = _____