Graphical user interface, application, Teams

Description automatically generated

A picture containing application

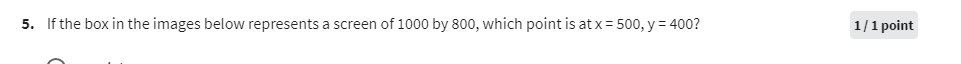
Description automatically generated

Graphical user interface, text, application, email

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Graphical user interface, text, application, email

Description automatically generated



Chart

Description automatically generated

Background pattern

Description automatically generated

||4,5,3|| =

= 7.07

Background pattern

Description automatically generated

||6,3,8|| =

= 10.44

(6/10.44, 3/10.44, 8/10.44) = (0.574, 0.287, 0.766) ≈ (0.57, 0.29, 0.77)

Background pattern

Description automatically generated

(4, 5, 3) · (6, 3, 8) = ax × bx +ay × by + az x bz

= 4\*6 + 5\*3 + 3\*8

= 63

Background pattern

Description automatically generated

(4, 5, 3) × (6, 3, 8)

=

= 5\*8 - 3\*3

= 31

=

= 3\*6 – 4\*8

= -14

=

= 4\*3 – 5\*6

= -18

(4, 5, 3) × (6, 3, 8) = (

= (31, -14, -18)

Graphical user interface, application

Description automatically generated

Distance =

=

= 6.4