

PhysAssist


Topics

Groups

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Authors' Note

Overview



Electricity And Magnetism

Reference

Equations

Quizzes

Take Quiz

Professor Cooldude's Quiz

+3q

+5q

-5q

Problem 5:
Calculate Electrical Flux for the above diagram.

☐ 100 Nm²/C

☐ 3 Nm²/C

☐ -3 Nm²/C

Select Topic

Newtonian Physics

Electricity and Magnetism

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Exit

Some pages have back buttons, some do not. We may want to make sure this is what we intend.

Reference

Electricity and Magnetism

Definitions

Constants

Symbol: c

Name: Speed of light

Value: 299,758,458

Units: m/s

Symbol: e

Name: Elementary charge

Value: 1.602 x 10⁻¹⁹

Units: C

Symbol: ε₀

Name: Vacuum permittivity

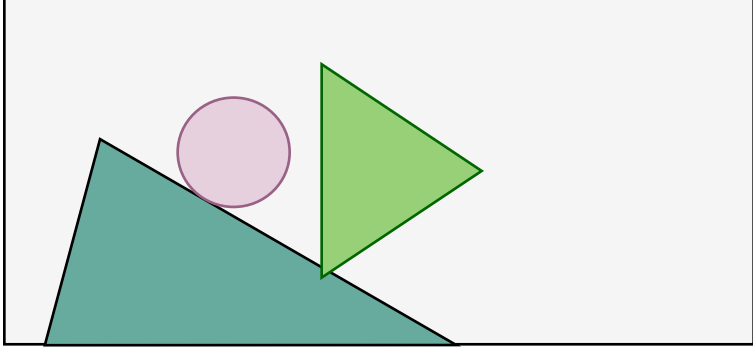
Value: 8.854 x 10⁻¹²

Units: F/m

Equation

Dynamics > Force, Mass, and Acceleration

Calculate force



Force = mass * acceleration

F

?

N

=

m

5

kg

*

a

10

m/s²

Solve

Calculator

3.14

1

2

3

4

5

6

7

8

9

Constant

0

More

.

=

Custom Content

Equations

Rate at which my K/D increases in MW3:
 $A(x) = (f(x)-f(a))/(x-a)$

Rate at which I can make free throws:
 $F(t) = 100000000 \times t$

Is he going to care about this? As in - is it professional?

Topic

Q Search

Newtonian Physics

Electricity and Magnetism

Kinematics

Dynamics

Statics

Categories

Dynamics

Force, Mass, and Acceleration

Friction

Tension

Thrust

Normal Force

Equations

Dynamics > Friction

a = b + c

F = uN

ab = cd

Physics = Fun

a + b = c

Groups

Professor Cooldude's Class

Physics 101 Study Group

Group

Professor Cooldude's Class

Quizzes

Notifications

RIP

Study or Else

😓

Physics professors have feelings too

🦋

Everyone gets a B