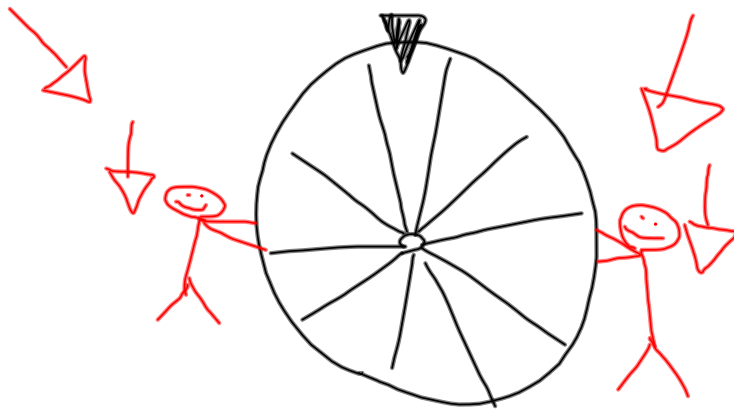
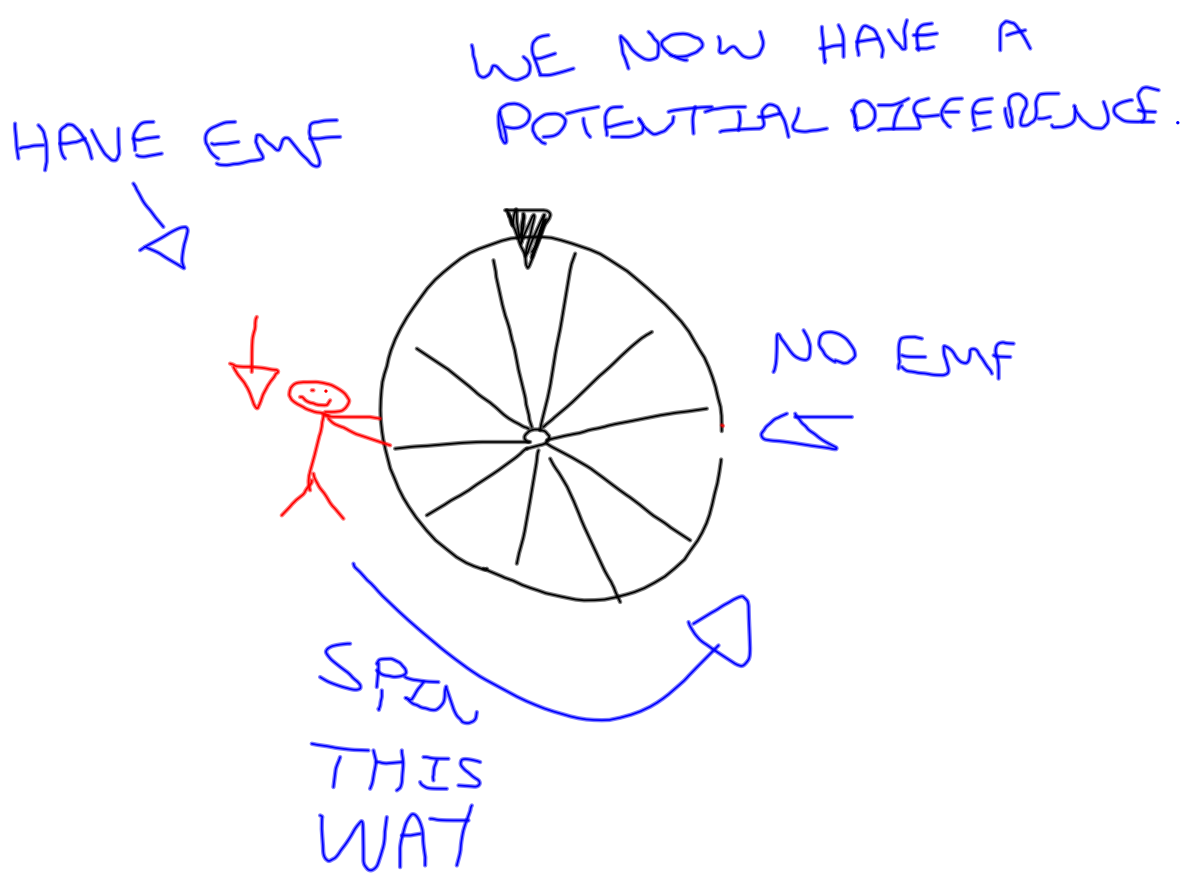
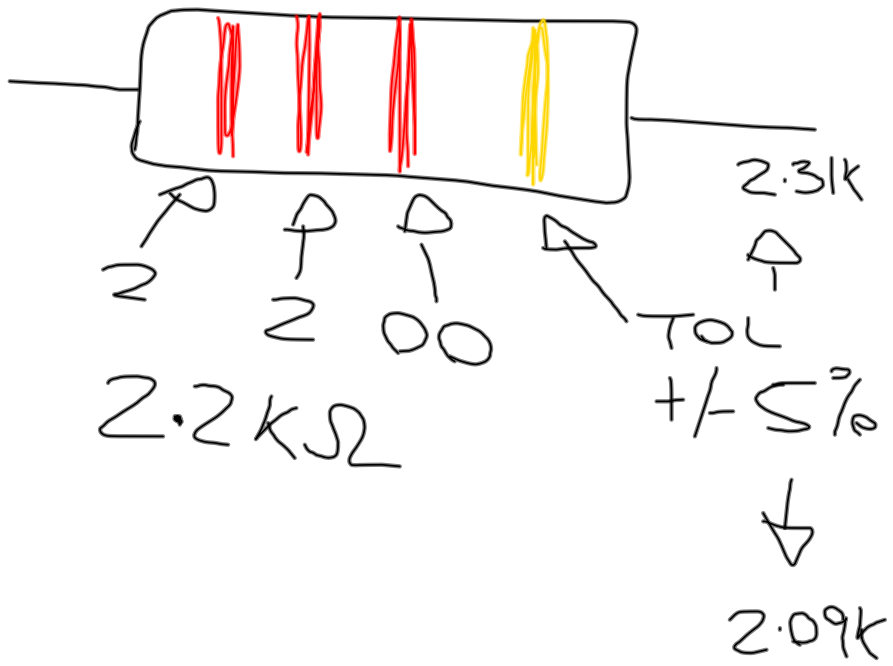


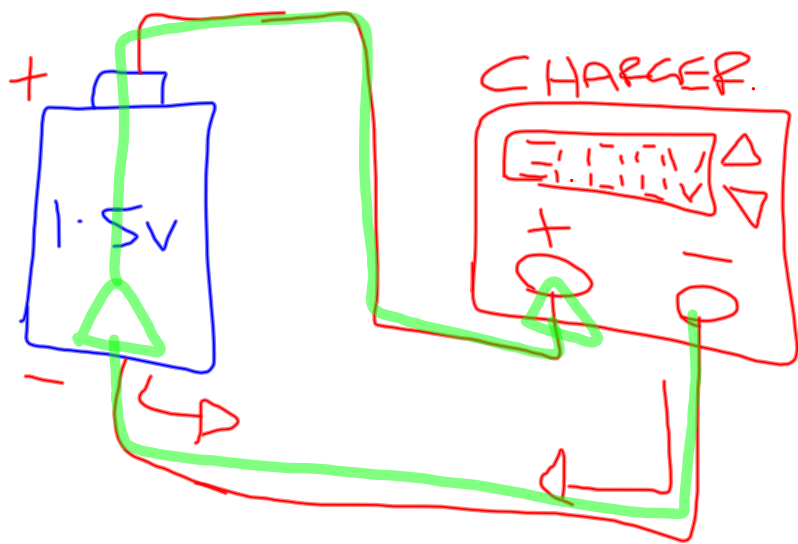
EMF SAME AS EMF



○ POTENTIAL DIFFERENCE.







24873

SCIENTIFIC.  $2.4873 \times 10^4$   
ENGINEERING.  $24.873 \times 10^3$

0.008341

SCIENTIFIC.  $8.341 \times 10^{-3}$   
ENGINEERING.  $8.341 \times 10^{-3}$

2437

ENGINEERING  $2.437 \times 10^3$

0.000000791

ENGINEERING  $791 \times 10^{-9}$

0.0000148

ENGINEERING  $14.8 \times 10^{-6}$

FIND LENGTH AC

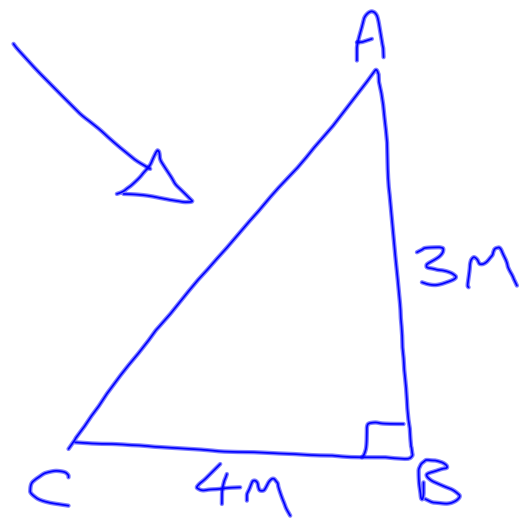
$$AC = \sqrt{BC^2 + AB^2}$$

$$AC = \sqrt{4^2 + 3^2}$$

$$AC = \sqrt{16 + 9}$$

$$AC = \sqrt{25}$$

$$AC = 5m$$



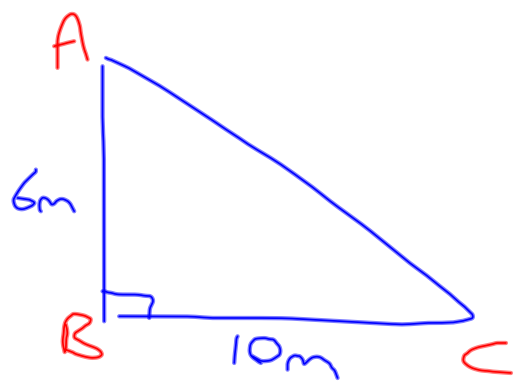
$$AC = \sqrt{AB^2 + BC^2}$$

$$AC = \sqrt{6^2 + 10^2}$$

$$AC = \sqrt{36 + 100}$$

$$AC = \sqrt{136}$$

$$AC = 11.67\text{m}$$



SOH CAH TOA.  
WANT TO FIND HYP

$$\sin \theta = \frac{O}{h}$$

$$\sin 30^\circ = \frac{3.8\text{cm}}{h} \times h$$

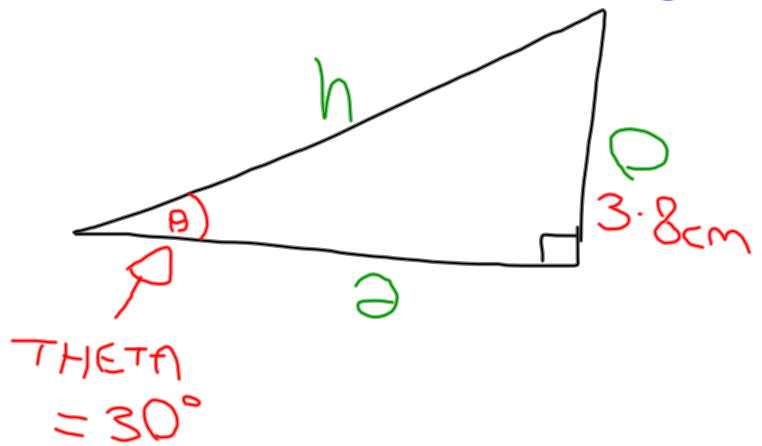
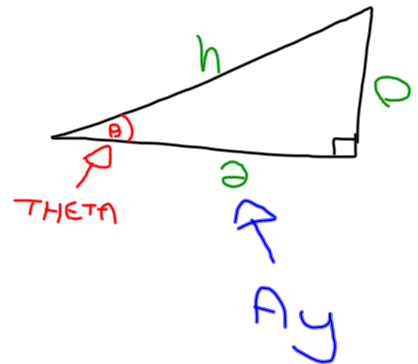
$$h \times \sin 30^\circ = 3.8\text{cm}$$

$$\sin 30^\circ = \frac{3.8\text{cm}}{h}$$

$$h = \frac{3.8\text{cm}}{\sin 30^\circ}$$

$$h = \frac{3.8\text{cm}}{0.5}$$

$$h = 7.6\text{cm}$$



EXPRESS THESE IN SCIENTIFIC NOTATION

3487

21345162

0.0010112

0.01034

EXPRESS THESE IN ENGINEERING NOTATION.

4321

44389

12345678

0.000000000347

9.000001845

$$E = \frac{P^2}{B}$$

TRANSPOSE  
TO FIND B

WHAT IS THE FORMULA TO  
FIND THE AREA OF A CIRCLE?

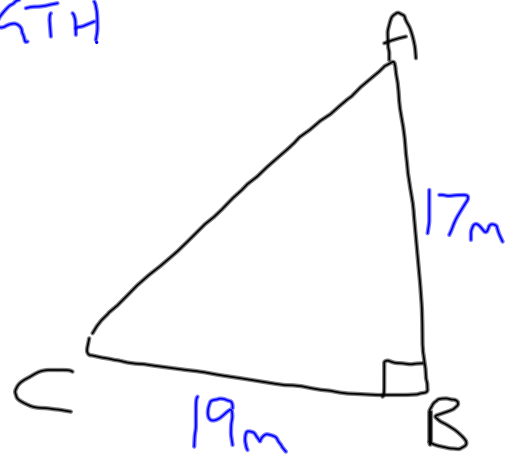
HOW ABOUT THE VOLUME OF  
A CYLINDER.

WHAT ARE THE PROPERTIES OF  
AN EQUILATERAL TRIANGLE?



USING THIS TRIANGLE, FIND  
 $R$  IF  $V = 20V$  AND  $I = 3A$

WHAT IS THE LENGTH  
OF AC?



WHAT IS THE SUM OF THE  
ANGLES IN A TRIANGLE?

