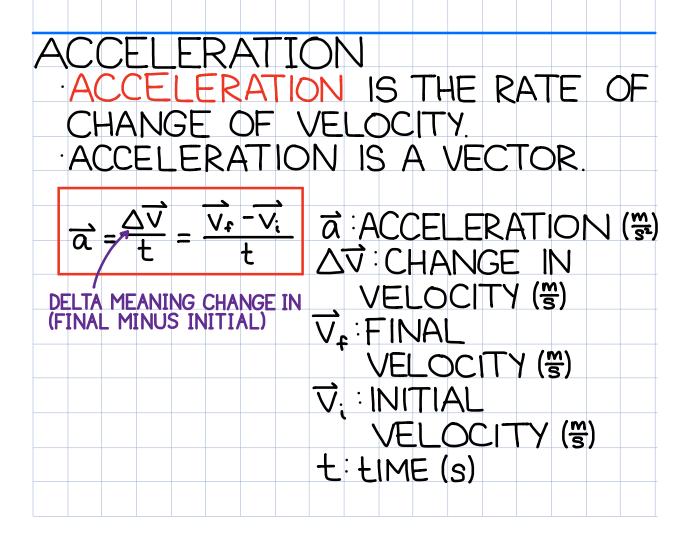
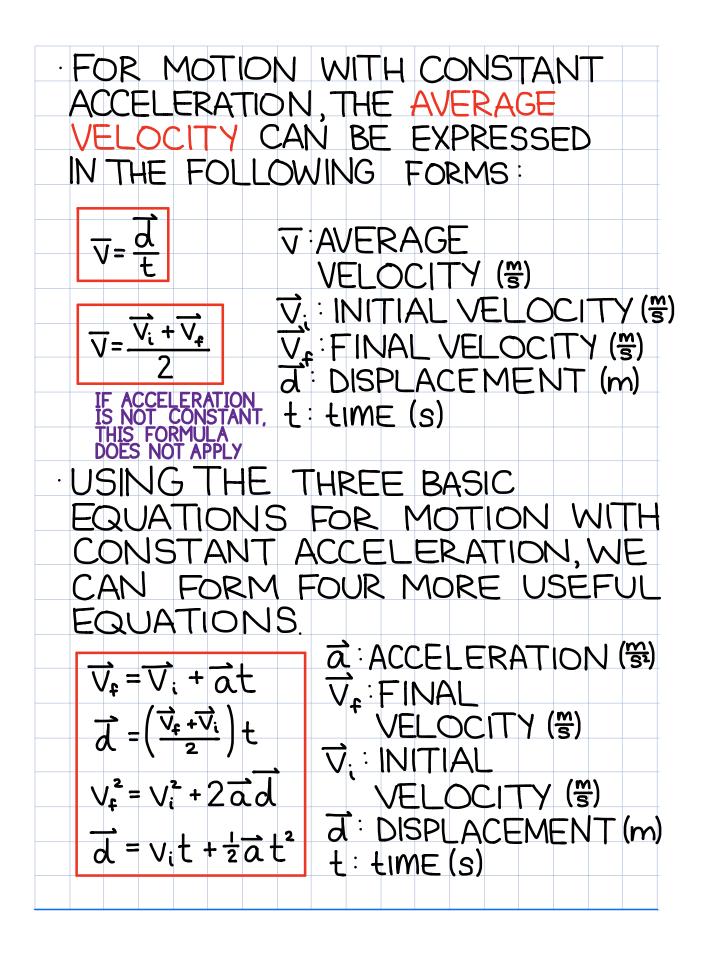


EXAMPLE A STUDENT COMPLETES FOUR LAPS AROUND A 400 m TRACK IN 390 s. WHAT ARE THE STUDENT'S AVERAGE SPEED AND VELOCITY?





EXAMPLE A SPRINTER, STARTING FROM REST, ACCELERATES AT A RATE OF 1.1 S FOR THE ENTIRETY OF A 100 m DASH. WHAT IS HIS FINAL VELOCITY?

① IDENTIFY YOUR UNKNOWN ALONG WITH <u>THREE</u> GIVENS.

② CHOOSE THE EQUATION WITH THE UNKNOWN AND THREE GIVENS.

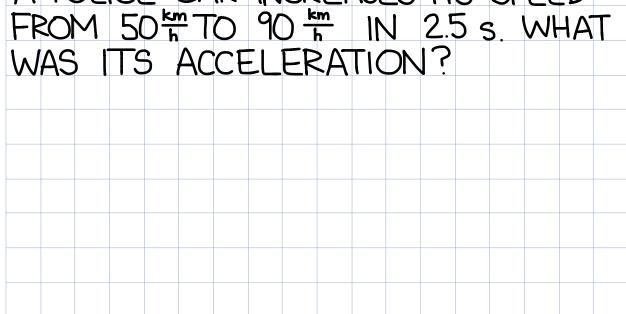
③ SIMPLIFY BY PLUGGING IN ANY ZEROS.

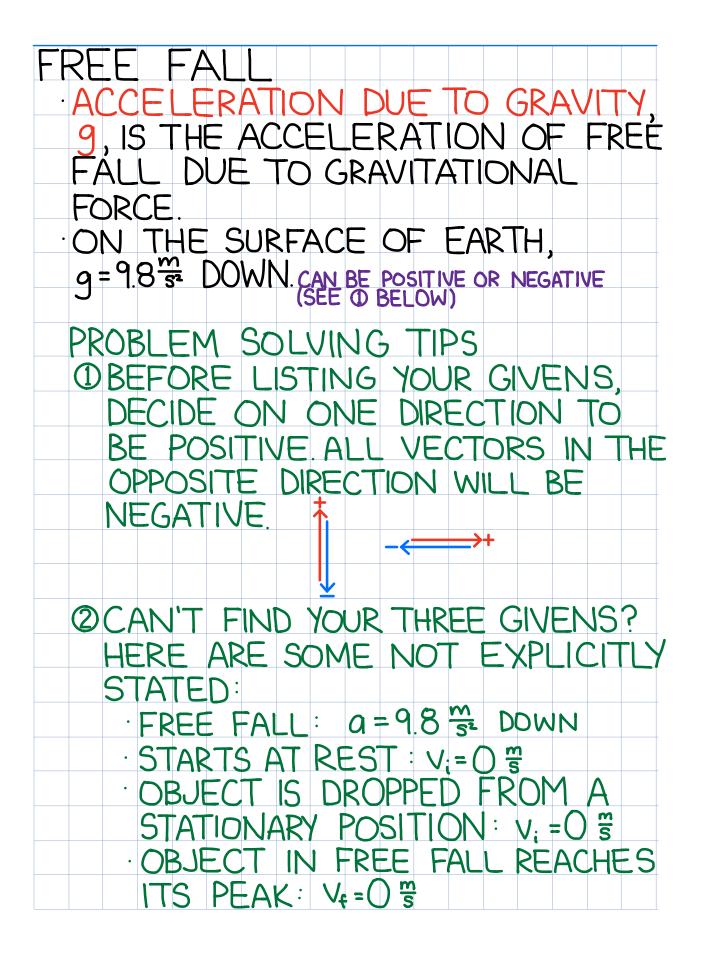
ALGEBRAICALLY SOLVE
FOR THE UNKNOWN.

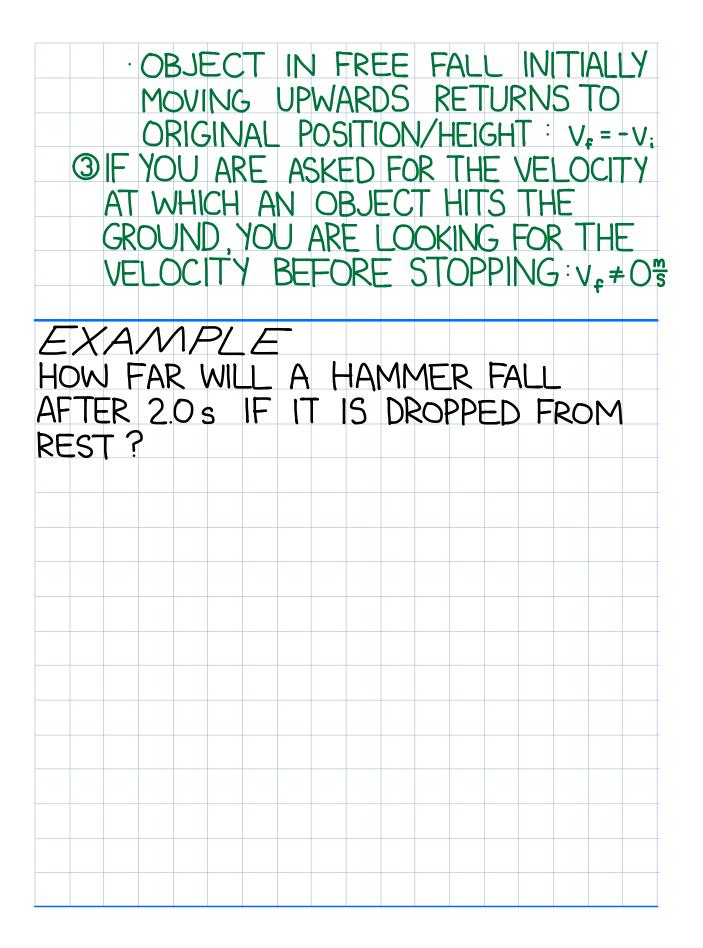
5 PLUG IN VALUES.

EXAMPLE RAMMUS IS POWERBALLING WITH AN ACCELERATION OF 1.4 S. IF HE STARTS FROM REST AND POWERBALLS FOR 70 s, HOW FAR DOES HE TRAVEL?



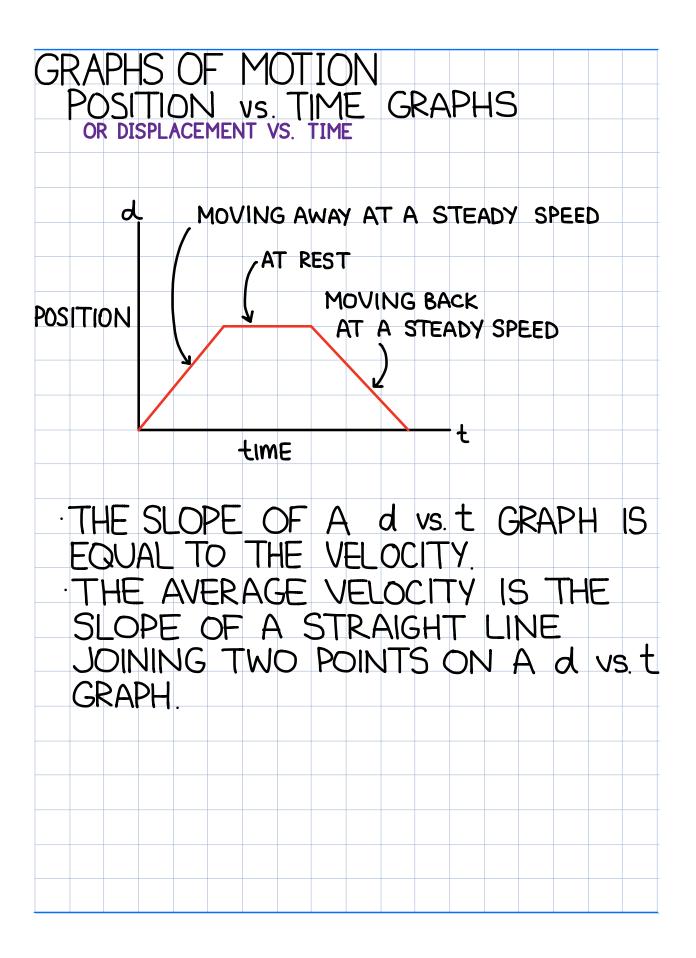


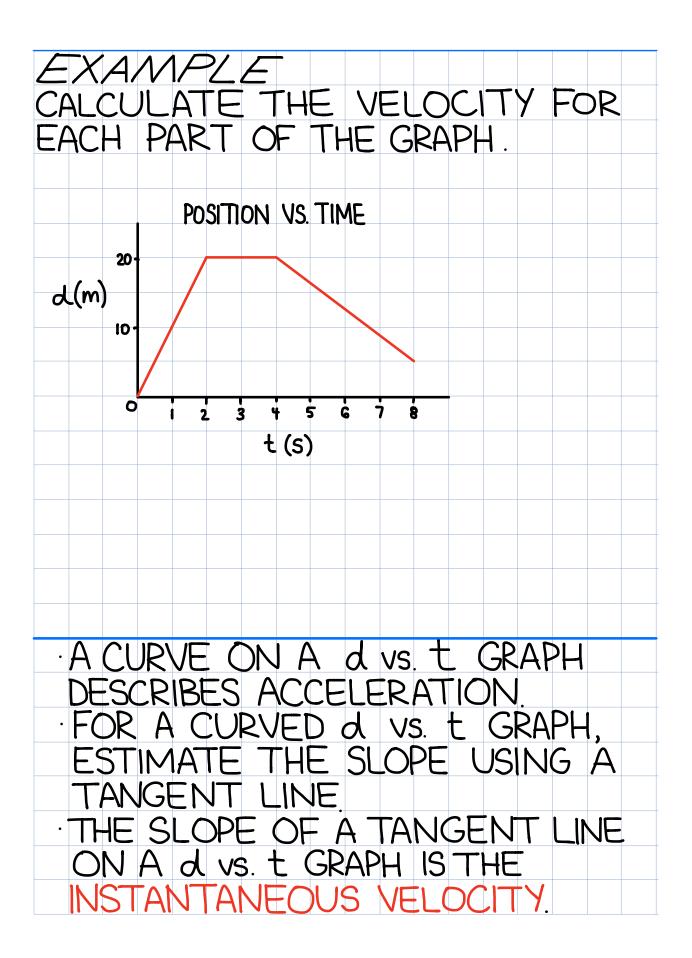


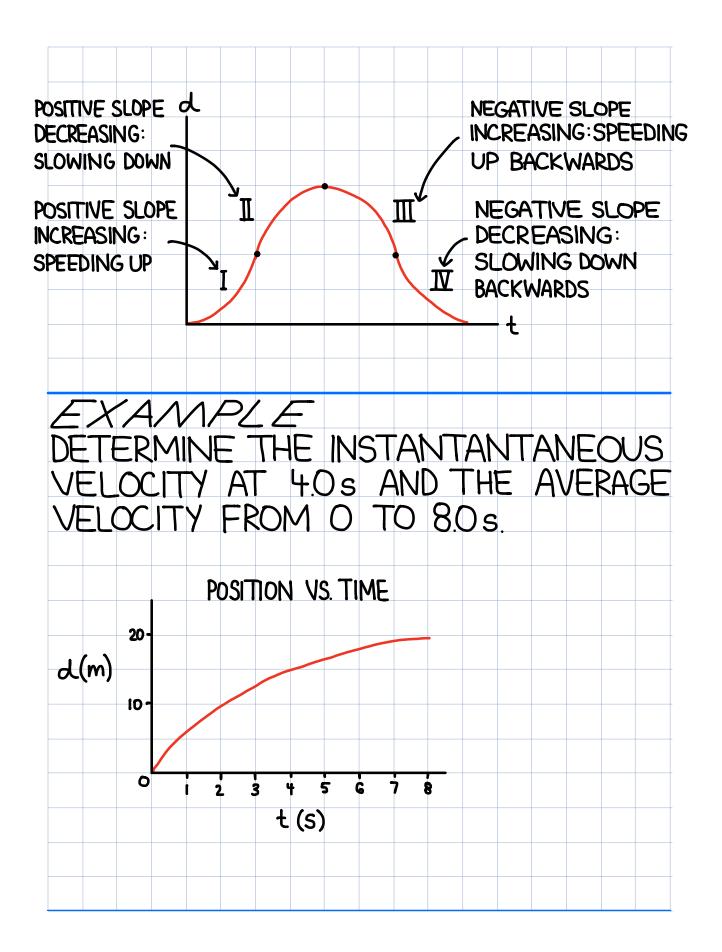


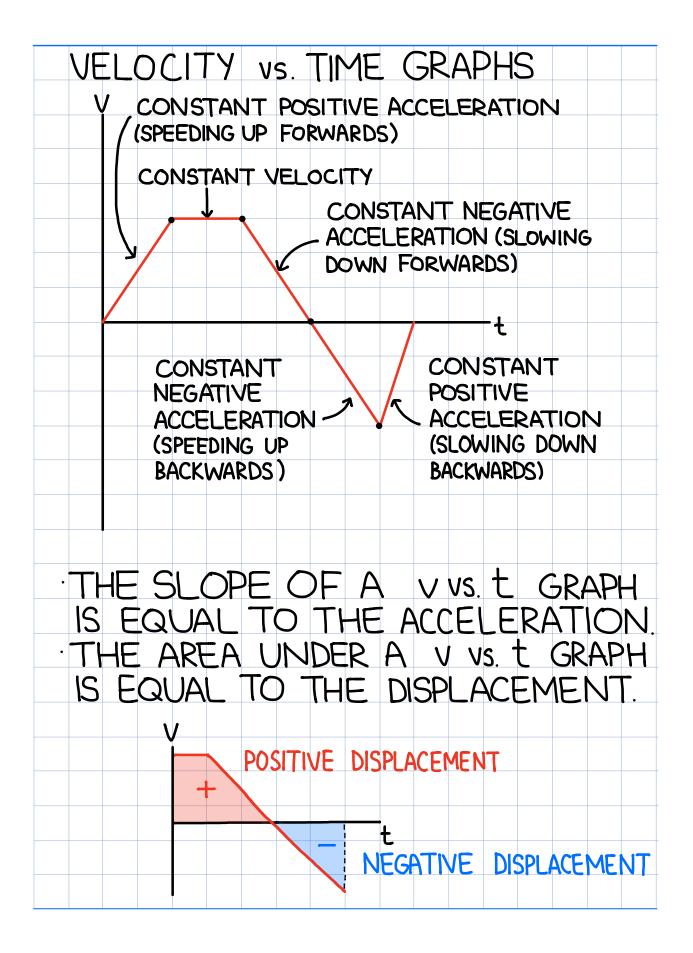
EXAMPLE A BULLET IS FIRED FROM A GUN UPWARDS AT 700 딸. WHAT MAXIMUM HEIGHT WILL IT REACH?

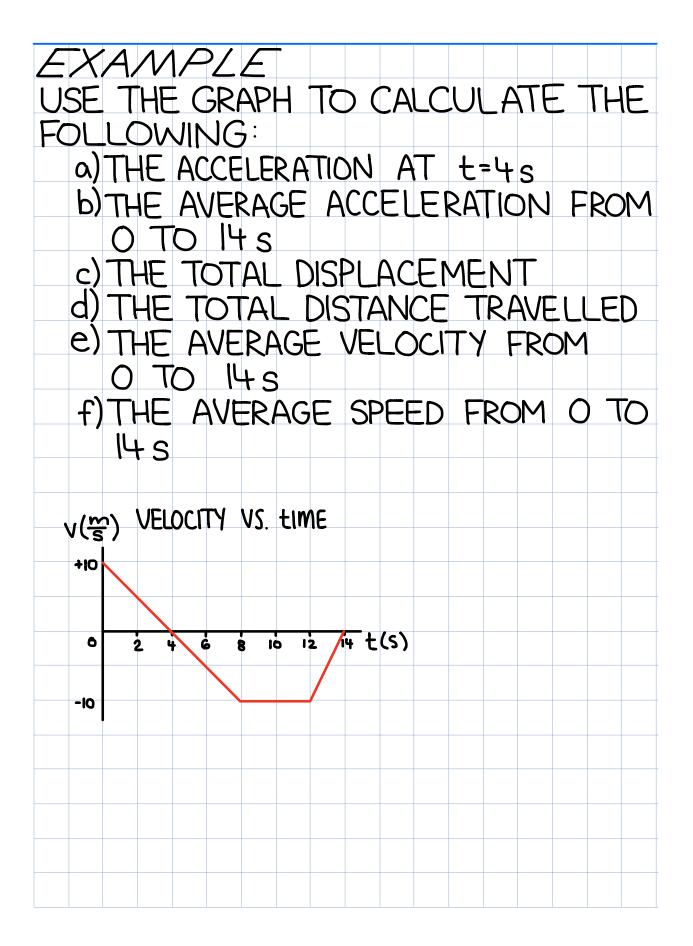
EXAMPLE A BOY THROWS A BALL UPWARDS AT A SPEED OF 15 풀. HOW LONG DOES IT TAKE TO RETURN TO HIS HAND?

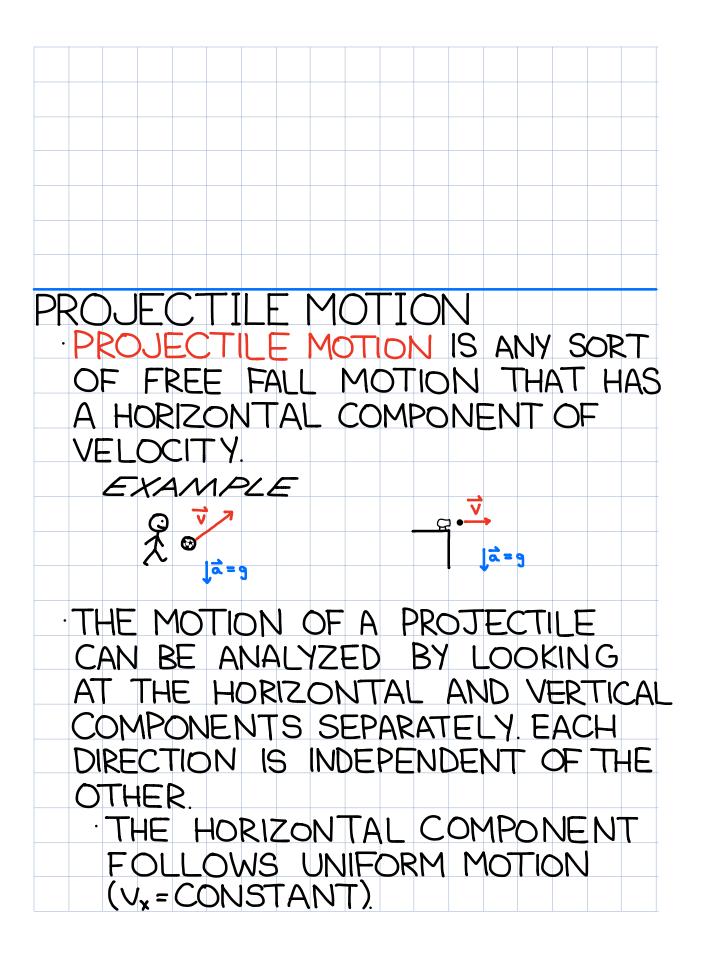


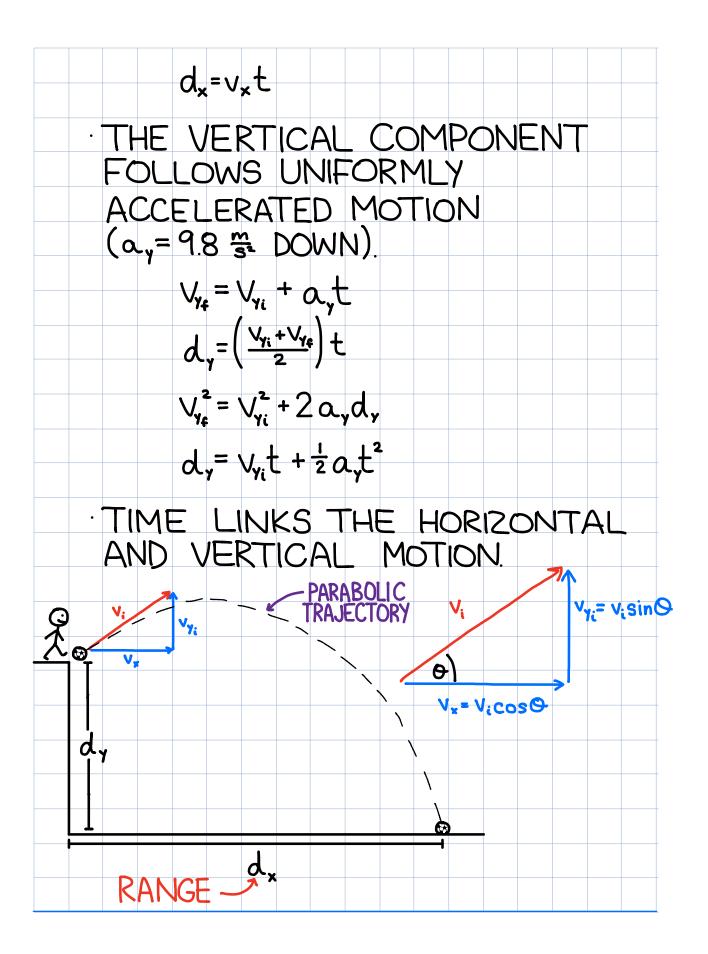


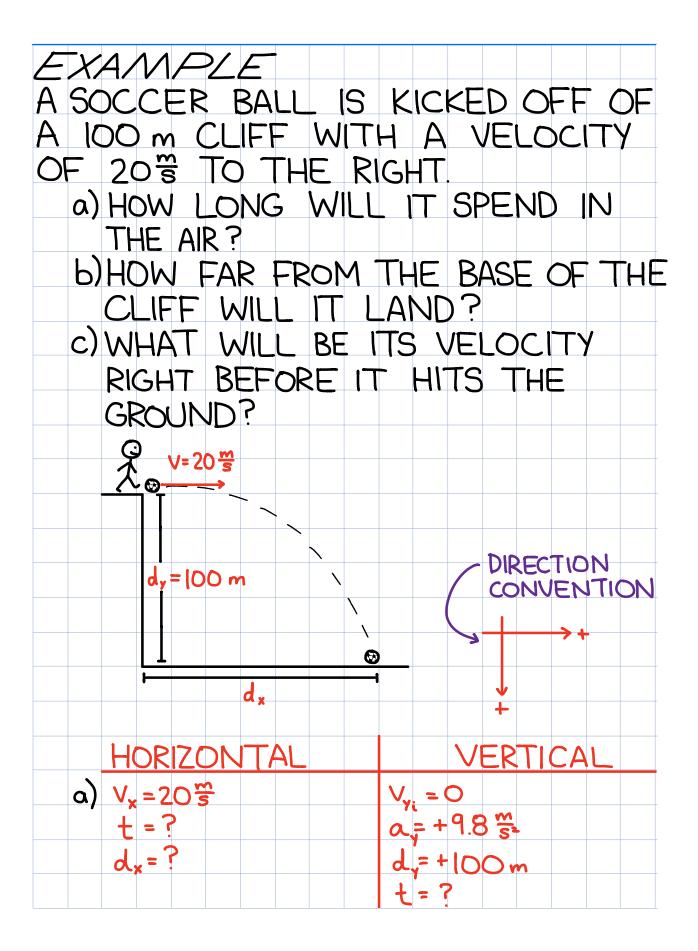


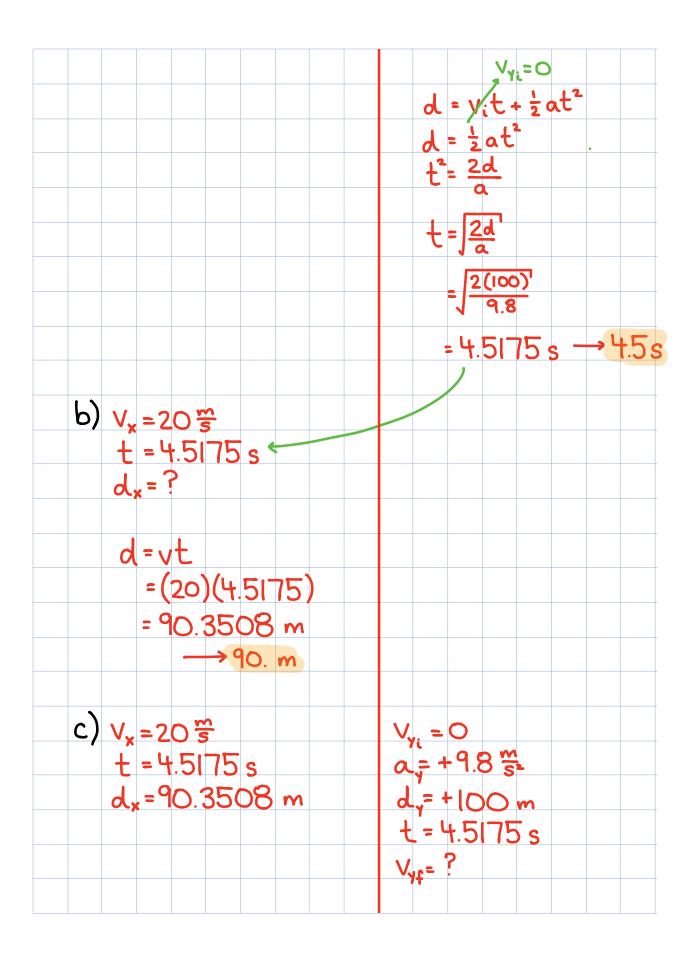


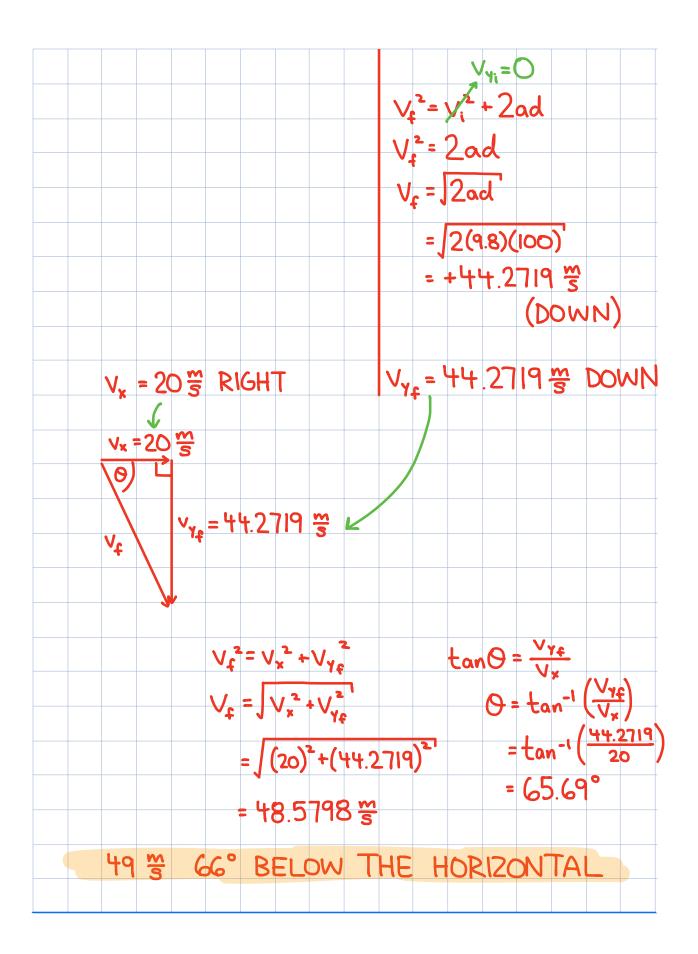


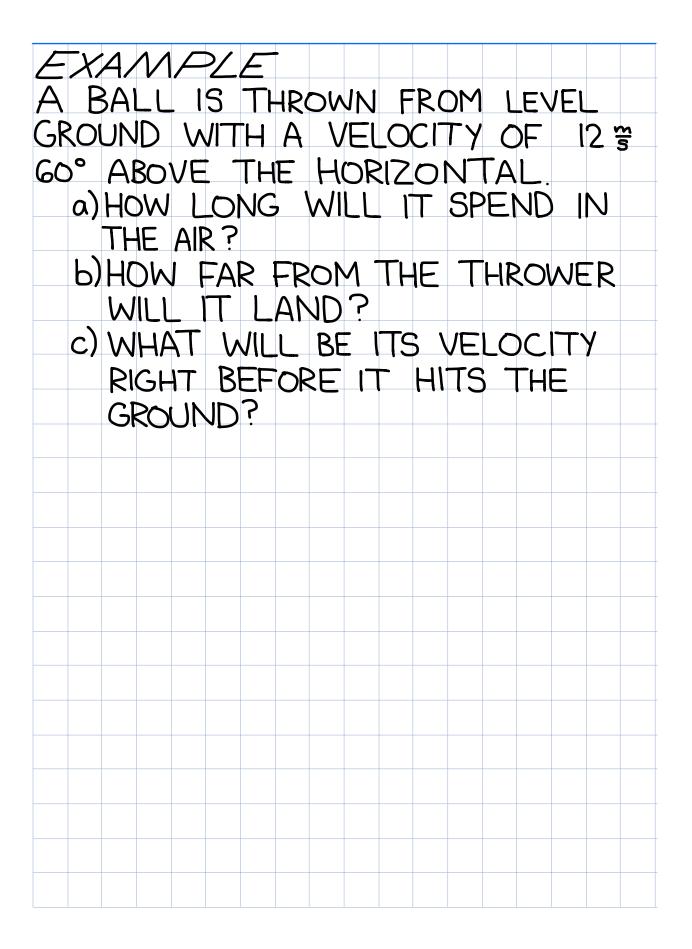












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