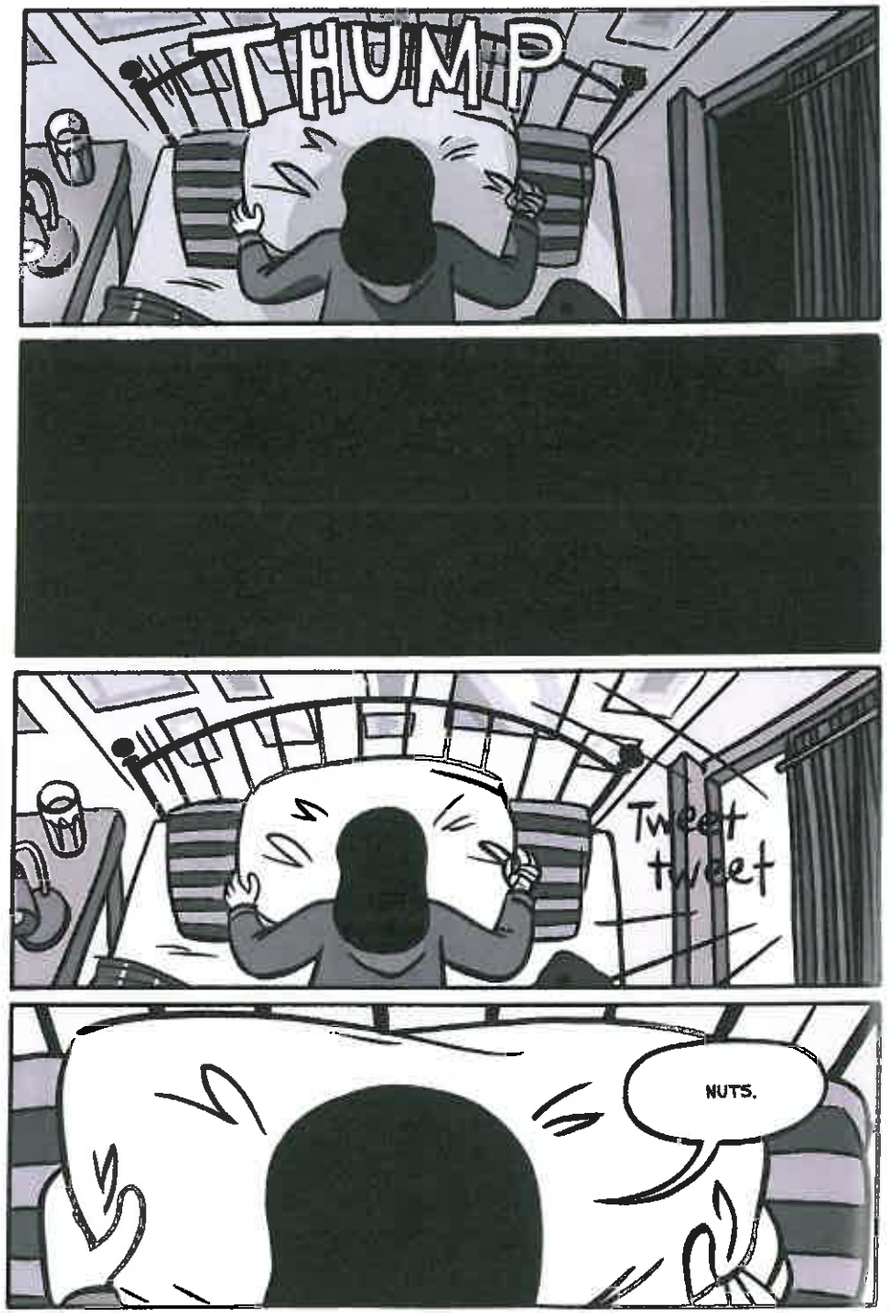

THUMP
Tweet tweet
NUTS.

HAMILTON SCHOOL
est. 1952

SCHEDULE
OH, FABULOUS. ECONOMICS. I GUESS I COULD ALWAYS USE MORE SLEEP.

ALL RIGHT, EVERYONE, WE'LL CONTINUE OUR LECTURE FROM THE LAST THREE WEEKS. OPEN YOUR BOOKS TO PAGE 217...

ONOMICALLY, LONG-RUN UNIT CO
VELS OF OUTPUT Q. IF YOU GRAP
RVE FOR THE LONG RUN IS THE S
OPING FOR SMALL Q, FLAT FOR ME
REASING RETURNS TO SCALE AS
DIUM, AND THEN DECREASING RET
S ARE ALWAYS LESS THAN OR EQ
UNIT COST ON THE Y-AXIS AND
PE OF A BIG BOWL (OR "U" WITH
UM Q, AND THEN UPWARD SLOPIN
RODUCTION BEGINS, CONSTANT
RNS TO SCALE AS PRODUCTION
AL TO SHORT-RUN UNIT COSTS
TPUT Q ON THE X-AXIS, THEN
FLATTENED BOTTOM): DOWNWA
FOR LARGE Q. THAT REFLECTS
TURNS TO SCALE WHEN PRODUC
COMES VERY LARGE. IF PLOTTE
pst.
ZZZZZZZ

SIOBHAN? HEY... AREN'T YOU STILL MAD AT-

YEAH, YEAH, WHATEVER. I HEARD ABOUT YOU DOWN THAT FREAKIN' WELL FOR TWO DAYS! THAT'S SO BADASS.

UH, THANKS, I GUESS...
HEY, COME ON. LET'S GO GET A SMOKE AND YOU CAN TELL ME ALL ABOUT IT.

RIGHT NOW? I'M IN THE MIDDLE OF-
NAPTIME?

...FAIR POINT.

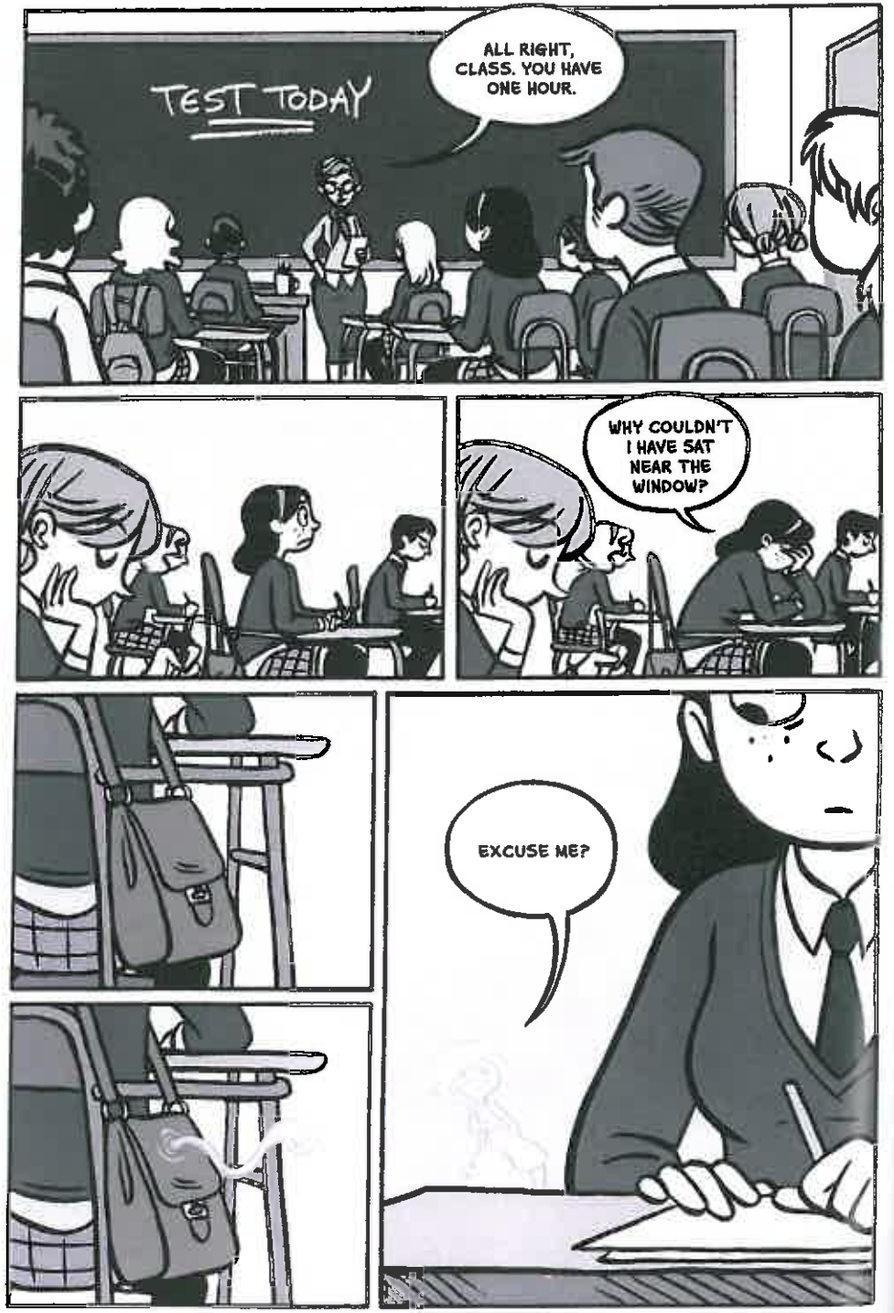
SO WAS IT TOTALLY HARDCORE AND AWESOME?
NO, SIOBHAN. SITTING IN A COLD DIRTY HOLE WAS NOT AWESOME.
IT WAS GROSS AND SMELLY AND THERE WAS A--
OH, CRAP.
WHAT?
THERE WAS THIS SKELETON DOWN THERE AND I KIINDA FORGOT TO TELL ANYONE ABOUT IT...
OH MY GOD!!! THAT'S SO FREAKIN' SCARY! I BET THAT THING WAS TOTALLY HAUNTED.

NAH... DON'T BE RIDICULOUS.
DUDE, WE SHOULD GO BACK AND DIG IT UP! HOW COOL WOULD IT BE TO HAVE A SKELETON IN YOUR ROOM?
THAT WOULD BE THE SCARIEST THING EVER, SIOBHAN.
DUH! THAT'S THE WHOLE POINT.
LISTEN, I GOTTA RUN... I'VE GOT GYM AND THAT CREEP REEEALLY NOTICES IF I'M NOT THERE.
REMIND ME ABOUT THAT SKELETON LATER, OKAY? WE GOTTA DO THAT!
BE SAFE
SURE THING... LATER.

YOU!
HELLO AGAIN...
HOW DID...
YOU FOLLOWED ME HERE! I THOUGHT YOU COULDN'T LEAVE YOUR HOLE!!!
I CAN'T! I CAN'T LEAVE MY BONES, LIKE I TOLD YOU. BUT, UM...
PART OF MY BONES LEFT...

OH GOD.
THAT'S IT! THAT'S MY LITTLE FINGER.
I MUST HAVE SWEPT IT INTO MY BAG WHEN I WAS LEAVING...
NO, THIS IS NOT WONDERFUL!!
OH, THIS IS WONDERFUL!
I'M NOT HAVING A GHOST FOLLOW ME AROUND HIGH SCHOOL ALL DAY!

FIRST THING NEXT PERIOD I--
R-RRING
OH NO.
OH CRAP OH CRAP OH CRAP
STUFF STUFF
WHAT?
BIG HONKING BIOLOGY TEST IS WHAT! OF COURSE I DIDN'T STUDY BECAUSE I THOUGHT I'D BE HOME TODAY...
GET IN.
FIRST THING AFTER SCHOOL YOU'RE GOING BACK IN YOUR HOLE!!!


TEST TODAY
ALL RIGHT, CLASS. YOU HAVE ONE HOUR.
WHY COULDN'T I HAVE SAT NEAR THE WINDOW?
EXCUSE ME?

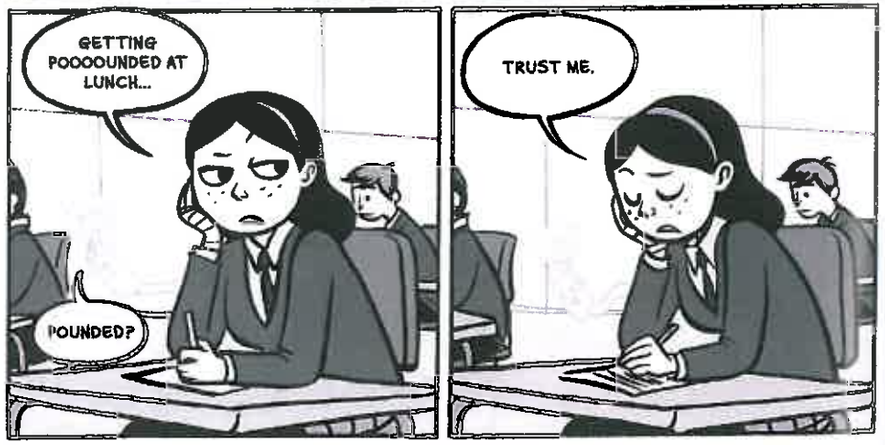
YIPE!
SLAM
. . .
A BUG! HEH...
ER...

IF I COULD...
NO!!!
GET BACK IN THE BAG AND STAY THERE OR SO HELP ME I'LL KILL YOU!!! ...OR WHATEVER!!!
EXCUSE ME!
IS THERE A PROBLEM, MISS... BR... BOR...
BORZAKOVSKAYA.
NO MA'AM.
YOUNG LADY, THE IDEA HERE IS TO REMEMBER YOUR NOTES IN YOUR HEAD, NOT ALOUD IN CLASS.
YES, I'M WORKING ON IT, MA'AM.
DON'T YOU AGREE?

I'M DEAD.
C.
WHAT?
THAT'S THE ANSWER TO THE FIRST QUESTION. I HOPE YOU DON'T MIND, BUT I CHECKED WHAT SOME OF THE OTHER STUDENTS MARKED.
Name: Anya Borzakovs
HMM. IT SOUNDS ABOUT RIGHT...
I CAN HELP YOU WITH THE REST OF IT IF YOU LIKE...
UH, SURE! OKAY!

PROFESSOR?
I FINISHED A LITTLE EARLY... MAYBE I CAN HELP YOU COLLECT THE PAPERS?

UH... ALL RIGHT, DIMA.
WHY DON'T YOU START ON YOUR HOME-WORK WHILE EVERYONE FINISHES UP?
YES, PROFESSOR!


GETTING POOOUNDED AT LUNCH...
POUNDED?
TRUST ME.

TADAAAA!

CORRECT ME IF I'M WRONG, BUT AREN'T YOU BOTH RUSSIAN?
YEAH? SO?
WELL, BACK WHEN I WAS ALIVE, YOUR PEOPLE WERE YOUR FAMILY. YOU DEFENDED EACH OTHER NO MATTER WHAT.

WELL, TIMES HAVE CHANGED. YOU ACT LIKE A FOBBY CREEP, YOU GET CREAMED.
FRESH OFF THE BOAT.
"FOBBY?"

ANYA! OH THANK GOD I FOUND YOU!
WHAT'S WRONG?
YOU KNOW HOW WE'VE BEEN CUTTING GYM CLASS EVERY THREE MONTHS EXACTLY?
YEAH, WHAT... OH NO.
OH YES.
WE FORGOT.
AND NOW TODAY IS THE...
BLEEP TEST!

I CAN'T BELIEVE THIS IS HAPPENING.
I THOUGHT YOU AND SIOBHAN ALWAYS SKIPPED ON BLEEP TEST DAY.
THEY CAUGHT ME GOING OVER THE FENCE.
DRAG.
LADIES, LADIES, LADIES! PLEASE CONTAIN YOUR GIRLISH EXCITEMENT, WE'LL BEGIN SHORTLY.
FIRST LET'S HAVE A QUICK REFRESHER ON YOUR FAVORITE AND MINE, THE MULTI-STAGE FITNESS TEST!

INVENTED BY DR. MAXIMILIAN G. ODOWOOD LEDGEAR IN 1982, THE MULTI-STAGE FITNESS TEST IS USED BY SUCH WONDERFUL INSTITUTIONS AS THE US ARMY, NAVY, AND THIS VERY HIGH SCHOOL!
IT ANALYZES THE BODY'S MAXIMUM OXYGEN INTAKE BY HAVING THE SUBJECT RUN BACK AND FORTH ACROSS A SET DISTANCE (IN THIS CASE THE GYM) IN TIME TO A SOUND SIGNAL, OR "BLEEP."
BLeep!
THE BLEEP INTERVAL BECOMES SHORTER, CAUSING THE SUBJECT TO RUN FASTER, UNTIL THEY REACH THEIR PHYSICAL LIMIT.
Bleep Bleep Bleep Bleep
WE CROSS-REFERENCE THE NUMBER OF LAPS ON THIS HANDY DANDY SPREADSHEET, AND THUS DETERMINE YOUR VERY OWN MULTI-STAGE FITNESS LEVEL!
HE JUST LIKES WATCHING US RUN AROUND IN THESE STUPID SKIRTS.

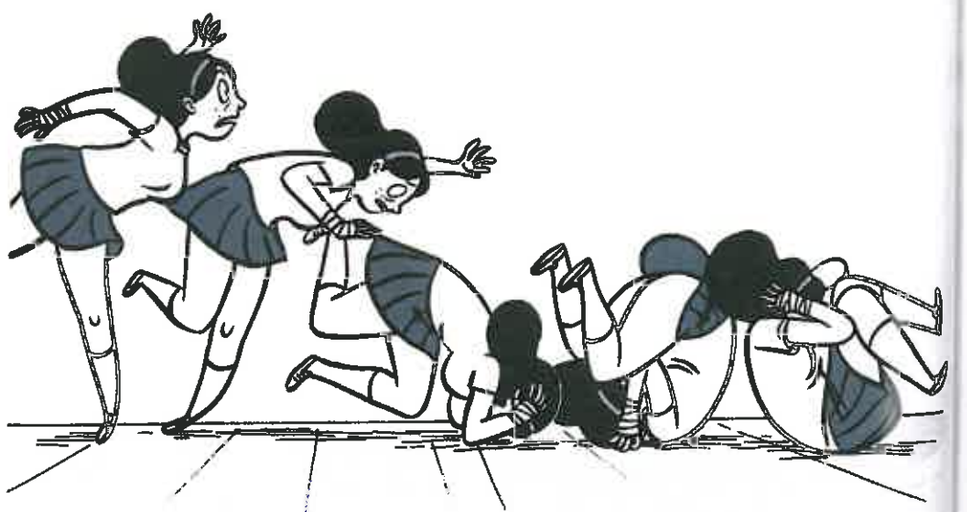
OH, MAN, LOOK AT ELIZABETH.
SHE LOVES IT.
SHE'S PROBABLY GOT ONE OF THOSE MACHINES AT HOME.
SO WHAT ARE YOU GONNA DO?
SIGH... WHAT I ALWAYS DO, I GUESS. RUN HALFWAY ACROSS THE GYM AND PRETEND TO HURT MYSELF.
SOUNDS LIKE A PLAN.
HEY, BABY!
EXIT

ALL RIGHT, GIRLS!
READY...
SET–
GO!
BEEEP!

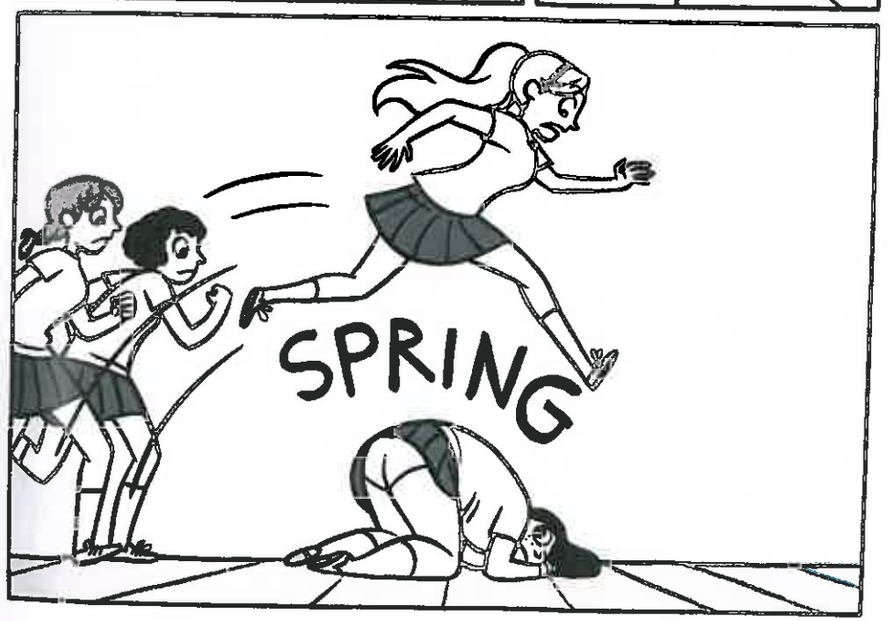
READY?
OH NO! MY ANKLE!
WHOOP!

BEEEP!
THUDTHUDTHUDTHUDTHUDTHUD
PANT PANT

BEEEP!
BEEEP!
BEEEP!
PSST PSST
HAHAHAHAHAHA !!!!



WHUMP


SPRING

HAHAHAHAHA
ARE YOU OKAY?
FINE. I'LL BE KILLING MYSELF SHORTLY, THOUGH.
LADIES! IF WE ARE ALL DONE LOSING OURSELVES IN ANYA'S DERRIERE, WE HAVE A TEST TO FINISH!

HEY, I THOUGHT THE PLAN WAS TO FALL DOWN TOGETHER.
SORRY...
NICE SHORTS!
YUH-HUH, THANKS!
GYMNASIUM
WHAT HAPPENED?
WAS IT SOMETHING I COULD HAVE HELPED WITH?
NO... UNFORTUNATELY THERE IS NOT A WAY TO CHEAT AT GYM.

EXCUSE ME...
HEY, IT'S YOU!
HEY, IT'S MEEE!!!
THAT WAS A PRETTY BITCHIN' FALL BACK THERE. I'VE GOTTA TRY THAT NEXT TIME WE HAVE TO DO THE TEST.
OH! YEAH. YOU SHOULD TOTALLY, ER. FALL. ON PURPOSE.
I SWEAR, THAT TEST IS A LEGALIZED FORM OF TORTURE.
HAHA, YEAH... HE PROBABLY BROUGHT IT BACK OVER FROM 'NAM.

HAHA, YEAH... HEY, I'M SEAN.
ANYA BOR-
UH... BROWN.
HEY, BABY!
THANKS FOR WAITING FOR ME.
NO SWEAT. I WAS KEEPING ANYA HERE COMPANY.
I HOPE YOU FEEL BETTER, ANYA! SEEYA!
UH-HUH. BYE...

WHAT'S WRONG WITH YOUR HAND? IS THERE POOP ON IT OR SOMETHING?
NO... NOTHING...
HEY, ANYA, I HEARD ABOUT YOUR NICE MOVES IN GYM TODAY!
HEY, KATY, I HEARD ABOUT YOUR NICE MOVES IN THE BOYS' BATHROOM TODAY!
SCREW YOU, SIOBHAN!
NO THANKS!
FORGET ABOUT THAT WHORE, ANYA. I'M GETTING OFF HERE, I'LL SEE YOU TOMORROW.
UH-HUH. SEEYA.

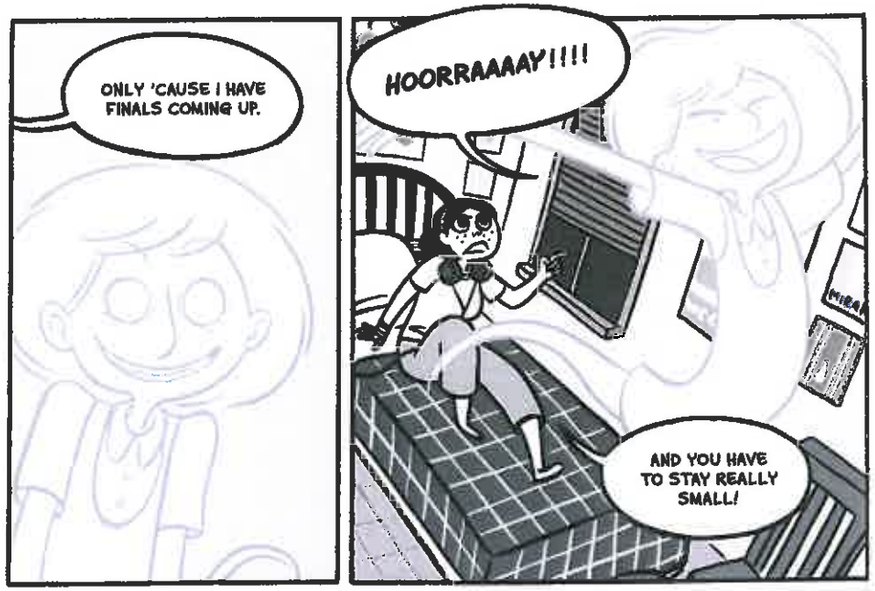
PARK

ANNUSHKA?
CAN YOU COME AND HELP ME WITH SOMETHING?
IS THIS FOR THE CITIZENSHIP TEST?
YES! I WAS HOPING YOU COULD TEST ME ON IT? THE TEST ISN'T FOR A MONTH, BUT-
SURE, MOM. I ADMIRE YOUR DEDICATION TO DEMOCRACY.
OKAY, QUESTION #1. HOW MANY STARS ARE THERE ON THE FLAG?
FIFTY!

GOOD. #2. WHAT IS BENJAMIN FRANKLIN FAMOUS FOR?
OH, I KNOW THIS. FOR BEING PRESIDENT!
NO, MOM, HE WAS NEVER PRESIDENT.
PRIME MINISTER, THEN.
AMERICA NEVER HAD PRIME MINISTERS. HE WAS AN INVENTOR. WHAT DID HE INVENT?
...
THE... LIGHTNING ROD.. AND...?
REALLY? RUSSIA NEVER HAD SUCH SMART PRESIDENTS!
NO MOM, I TOLD YOU, HE WASN'T PRESIDENT.
WELL, I AM TELLING YOU MAYBE HE SHOULD HAVE BEEN! THEN MAYBE AMERICA WOULDN'T BE IN SUCH A MESS!

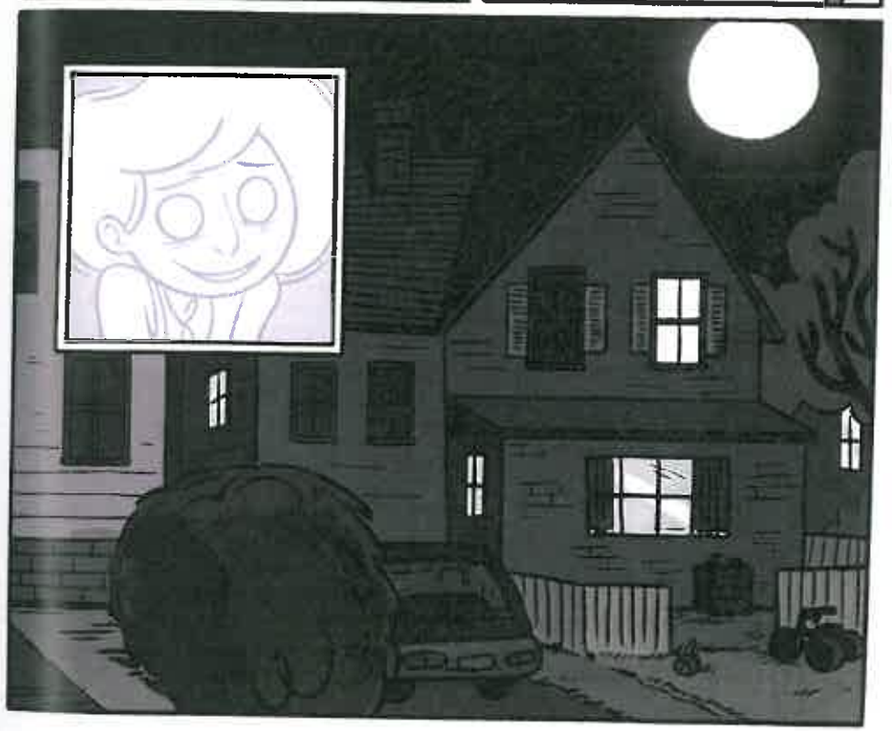
NRRGH...
MIRAH

UM... PARDON ME, ANYA?
OH. RIGHT. I FORGOT.
YOU'RE STILL HERE.
I AM... I WAS HOPING, THAT MAYBE YOU'D LET ME STAY A LITTLE LONGER?
I'D BE HAPPY TO HELP YOU WITH SCHOOL AGAIN IF YOU LIKE...
sigh
OKAY.


ONLY 'CAUSE I HAVE FINALS COMING UP.
HOORRAAAAY!!!!
AND YOU HAVE TO STAY REALLY SMALL!

I WILL! I PROMISE! OH, THIS IS SO WONDERFUL!!!
I'M SO EXCITED! EVERYTHING I'VE SEEN OF YOUR WORLD HAS BEEN MARVELOUS!

WATCH IT. YOU'RE STARTING TO SOUND A LITTLE FOBBY.
...GOT IT.



THE NEXT DAY:
GHOSTS ARE AWESOME
UM... HE'S GOT HISTORY AT 12:30...

OKAY, 12:25. THE CLASSROOM IS THAT WAY, SO....
RRRRING
BOLT
CLOSET
OH, MAN, HAVING YOU AROUND IS THE BEST! YOU'RE SO USEFUL!!! THEY SHOULD SELL YOU!
HAHA... WHAT?
WHO ARE YOU TALKING TO?
CLAP—

OH. IT'S YOU.
I HEARD YOU DID PRETTY WELL ON THE TEST YESTERDAY. DID YOU FIND THE PREP BOOK HELPFUL?
I KNOW THE AP QUESTIONS ARE MUCH HARDER, BUT IF WE LEARN THOSE NOW OUR REGULAR CLASSWORK WILL BE A PIECE OF PIE!
AP
CAKE, DIMA. A PIECE OF CAKE.
OH, THANK YOU, ANYA. I'M ALWAYS MIXING THAT ONE UP.
UH-HUH.
...
CLOSET
SOOOOOO, I'VE GOT TO GET
ARE YOU GOING TO CHURCH ON SUNDAY?
CLOSET

WHAT? OH. I DON'T THINK SO.
YOU HAVEN'T GONE FOR TWO MONTHS ALREADY. YOUR MOTHER SAID YOU'D GO FOR SURE THIS WEEKEND! IT'S IMPORTANT.
AP
I'LL, UH, SEE HOW I'M FEELING.
OKAY, SEE YOU THEN!
MY MOM IS MAKING HAM CAKES FOR AFTER THE SERVICE!!!!
GOD, WHAT A LITTLE FREAK!!! CAN YOU SEE WHY IT'S NOT GOOD FOR ME TO BE SEEN WITH HIM?
I SUPPOSE...
WHO ARE YOU TALKING TO?
SLAP

NNNNOOOO ONE! ...I HAD MY CELL PHONE ON SPEAKER.
HA! WHO WOULD YOU EVEN BE CALLING OTHER THAN ME? YOUR LITTLE RUSSIAN BOYFRIEND?
WHIP
ONE OF MY MILLIONS AND MILLIONS OF NICE FRIENDS.
BRIIIING
DUCK
YOU'RE A HUGE FREAK. F.Y.I.
THANKS.

OKAY, WHO ARE YOU LOOKING FOR ALL SHIFTY-EYED?
WHAT? NO ONE!
MY ASS NO ONE. IS SOMEBODY BLACKMAILING YOU?
NO. GOD. ...YOU HAVE TO PROMISE NOT TO MAKE FUN OF ME.
I PROMISE.
...
SEAN FROM THE BASKETBALL TEAM.

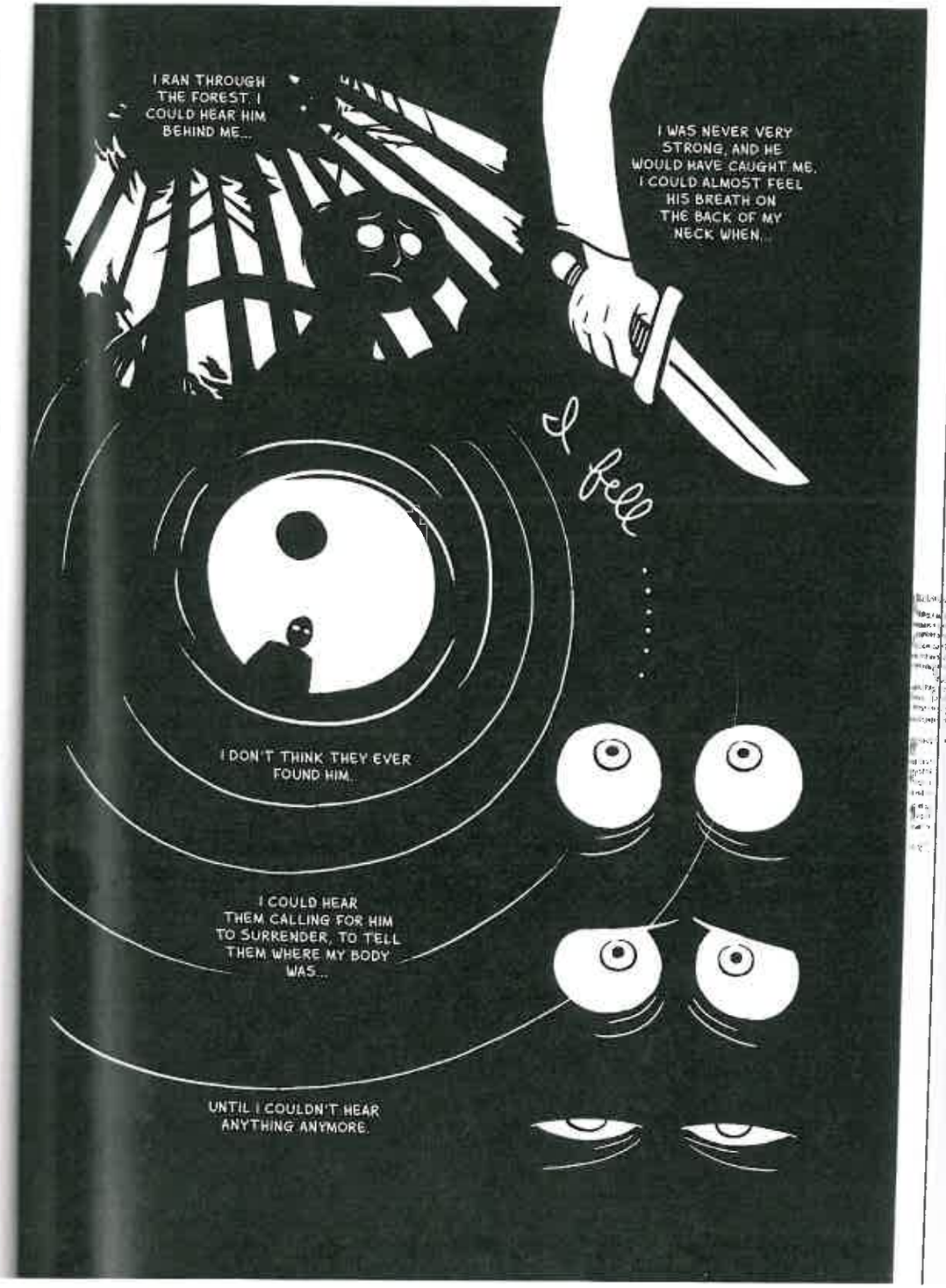
WHAT ABOUT S–
OH, NO WAY!!!
YOU HAVE A CRUSH ON SEAN FROM THE BASKETBALL TEAM!
...MAYBE.
DUDE. HE'S THE KIND OF BOY YOU'RE SUPPOSED TO GET A CRUSH ON IN A BAD TEEN MOVIE.
HEY, YOU PROMISED!!
HAS HE EVER EVEN TALKED TO YOU?
HE TALKED TO ME YESTERDAY. HE WAS REALLY NICE, AS A MATTER OF FACT.
ARE YOU SURE HE WASN'T JUST TALKING TO YOUR BOOBS?
YOU'RE JUST JEALOUS THAT BOYS NEVER TALK TO YOUR BOOBS.

WHAT THE...
OH GEEZE!
NOT AGAAAIN!
MOMMMM!!! SASHA BURIED MY JEWELRY IN THE GODDAMN YARD AGAIN! YOU PROMISED YOU'D MAKE HIM STOP!!
AW MAN, MY DIG!
ANNUSHKA, YOU KNOW HE'S JUST PLAYING. IT'LL WASH RIGHT OFF.
AND DON'T SWEAR IN FRONT OF JESUS.

GOD, THEY DRIVE ME CRAZY! HE COULD *MURDER SOMEONE* AND IT WOULD BE OKAY BECAUSE HE'S SIX.
WHEN I WAS ALIVE, IF CHILDREN MIS-BEHAVED THEY GOT BEATEN WITH CANES.
HEH. AWESOME.
HEY, THANKS AGAIN FOR ALL YOUR HELP TODAY. YOU WERE REALLY COOL TO DO ALL THAT STUFF.
OH, I'M HAPPY TO HELP. I WAS WONDERING, THOUGH...
YEAH?
THAT BOY WHOSE SCHEDULE YOU WANTED...
ARE YOU IN LOVE WITH HIM?
IN LOVE? NOOOOOO! ... BUT YEAH, I MEAN... HE'S CUTE.
OH. I WAS IN LOVE ONCE.

OH REALLY? WHAT HAPPENED?
WE WERE GOING TO GET MARRIED...
BUT HE HAD TO GO TO WAR. THE FIRST WAR, YOU WERE SAYING IN SCHOOL? AND... HE WAS KILLED IN A GERMAN RAID.
OH NO... I'M SO SORRY.
IT'S ALL RIGHT... I'M NOT THE ONLY ONE IT HAPPENED TO...
LOOK... I'M REALLY SORRY I'VE BEEN KIND OF A JERK TO YOU, WHEN YOU'VE BEEN SO NICE. I DON'T EVEN KNOW YOUR NAME.
EMILY. EMILY REILLY.
EMILY... MAN, I SHOULD'VE ASKED A LONG TIME AGO, BUT HOW DID YOU WIND UP IN THAT WELL?
I WAS MURDERED.

WHAT?! HOW?!!
WELL... MY PARENTS AND I LIVED ON A FARM NOT TOO FAR FROM THE WOODS. THE HOUSE WAS SO OLD I DOUBT IT'S STANDING ANYMORE...
MY PARENTS WERE VERY RELIGIOUS, AND WOULD ALWAYS OFFER A BED IN THE BARN TO ANYONE WHO MIGHT BE PASSING THROUGH THE AREA.
THE MAN WHO CAME THAT SPRING SEEMED LIKE A GOOD CHRISTIAN. HE EVEN HELPED MY MOTHER MAKE DINNER EVERY NIGHT.
EXCEPT ONE NIGHT... I WOKE UP FROM A DREAM AND CAME DOWNSTAIRS. HE WAS STANDING OVER MY PARENTS' BODIES, READY TO GO UPSTAIRS FOR ME. HE SAW ME...


I RAN THROUGH THE FOREST. I COULD HEAR HIM BEHIND ME...
I WAS NEVER VERY STRONG, AND HE WOULD HAVE CAUGHT ME. I COULD ALMOST FEEL HIS BREATH ON THE BACK OF MY NECK WHEN...
I fell.....
I DON'T THINK THEY EVER FOUND HIM.
I COULD HEAR THEM CALLING FOR HIM TO SURRENDER, TO TELL THEM WHERE MY BODY WAS...
UNTIL I COULDN'T HEAR ANYTHING ANYMORE.

THAT'S IT.
THAT'S PRETTY MUCH THE SADDEST THING I'VE EVER HEARD.
YEAH... I GET A LITTLE DOWN ABOUT IT MYSELF.
THERE'S GOT TO BE SOMETHING I CAN DO TO HELP...
HEY! MAYBE I CAN SOLVE YOUR MURDER? FIND OUT WHAT HAPPENED TO THAT GUY SO YOU CAN REST IN PEACE!
OH... ALL RIGHT! THAT MIGHT BE WORTH A TRY! THANK YOU!
SURE! THAT'S WHAT FRIENDS ARE FOR.

ANYA? IT'S TIME TO GO TO CHURCH! GET UP! IT'S SUNDAY!
I'M NOT GOING. I DON'T FEEL VERY WELL.
AND PUT THAT BACK!!!
CLINK
MOMMM, SHE SAYS SHE WON'T GO 'CAUSE SHE DOESN'T FEEL GOOD.