

Sheet1

QID,COMILETEXT,M

| | | |
|----|-----|---|
| 1 | 305 | 1 |
| 2 | 305 | 1 |
| 3 | 305 | 1 |
| 4 | 305 | 1 |
| 5 | 305 | 1 |
| 6 | 305 | 1 |
| 7 | 305 | 1 |
| 8 | 305 | 2 |
| 9 | 305 | 2 |
| 10 | 305 | 2 |
| 11 | 305 | 2 |
| 12 | 305 | 2 |
| 13 | 305 | 2 |
| 14 | 305 | 2 |
| 15 | 305 | 3 |
| 16 | 305 | 3 |
| 17 | 305 | 3 |
| 18 | 305 | 3 |
| 19 | 305 | 3 |
| 20 | 305 | 3 |
| 21 | 305 | 3 |
| 22 | 302 | 1 |
| 23 | 302 | 1 |
| 24 | 302 | 1 |
| 25 | 302 | 1 |
| 26 | 302 | 1 |
| 27 | 302 | 1 |
| 28 | 302 | 1 |
| 29 | 302 | 2 |
| 30 | 302 | 2 |
| 31 | 302 | 2 |
| 32 | 302 | 2 |
| 33 | 302 | 2 |
| 34 | 302 | 2 |
| 35 | 302 | 2 |
| 36 | 302 | 3 |
| 37 | 302 | 3 |
| 38 | 302 | 3 |
| 39 | 302 | 3 |
| 40 | 302 | 3 |
| 41 | 302 | 3 |
| 42 | 302 | 3 |
| 43 | 303 | 1 |
| 44 | 303 | 1 |
| 45 | 303 | 1 |
| 46 | 303 | 1 |
| 47 | 303 | 1 |
| 48 | 303 | 1 |

Sheet1

| | | |
|----|-----|---|
| 49 | 303 | 1 |
| 50 | 303 | 2 |
| 51 | 303 | 2 |
| 52 | 303 | 2 |
| 53 | 303 | 2 |
| 54 | 303 | 2 |
| 55 | 303 | 2 |
| 56 | 303 | 2 |
| 57 | 303 | 3 |
| 58 | 303 | 3 |
| 59 | 303 | 3 |
| 60 | 303 | 3 |
| 61 | 303 | 3 |
| 62 | 303 | 3 |
| 63 | 303 | 3 |
| 64 | 203 | 1 |
| 65 | 203 | 1 |
| 66 | 203 | 1 |
| 67 | 203 | 1 |
| 68 | 203 | 1 |
| 69 | 203 | 1 |
| 70 | 203 | 1 |
| 71 | 203 | 2 |
| 72 | 203 | 2 |
| 73 | 203 | 2 |
| 74 | 203 | 2 |
| 75 | 203 | 2 |
| 76 | 203 | 2 |
| 77 | 203 | 2 |
| 78 | 203 | 3 |
| 79 | 203 | 3 |
| 80 | 203 | 3 |
| 81 | 203 | 3 |
| 82 | 203 | 3 |
| 83 | 203 | 3 |
| 84 | 203 | 3 |
| 85 | 204 | 1 |
| 86 | 204 | 1 |
| 87 | 204 | 1 |
| 88 | 204 | 1 |
| 89 | 204 | 1 |
| 90 | 204 | 1 |
| 91 | 204 | 1 |
| 92 | 204 | 2 |
| 93 | 204 | 2 |
| 94 | 204 | 2 |
| 95 | 204 | 2 |
| 96 | 204 | 2 |
| 97 | 204 | 2 |

Sheet1

| | | |
|-----|-----|---|
| 98 | 204 | 2 |
| 99 | 204 | 3 |
| 100 | 204 | 3 |
| 101 | 204 | 3 |
| 102 | 204 | 3 |
| 103 | 204 | 3 |
| 104 | 204 | 3 |
| 105 | 204 | 3 |
| 106 | 104 | 1 |
| 107 | 104 | 1 |
| 108 | 104 | 1 |
| 109 | 104 | 1 |
| 110 | 104 | 1 |
| 111 | 104 | 1 |
| 112 | 104 | 1 |
| 113 | 104 | 2 |
| 114 | 104 | 2 |
| 115 | 104 | 2 |
| 116 | 104 | 2 |
| 117 | 104 | 2 |
| 118 | 104 | 2 |
| 119 | 104 | 2 |
| 120 | 104 | 3 |
| 121 | 104 | 3 |
| 122 | 104 | 3 |
| 123 | 104 | 3 |
| 124 | 104 | 3 |
| 125 | 104 | 3 |
| 126 | 104 | 3 |
| 127 | 103 | 1 |
| 128 | 103 | 1 |
| 129 | 103 | 1 |
| 130 | 103 | 1 |
| 131 | 103 | 1 |
| 132 | 103 | 1 |
| 133 | 103 | 1 |
| 134 | 103 | 2 |
| 135 | 103 | 2 |
| 136 | 103 | 2 |
| 137 | 103 | 2 |
| 138 | 103 | 2 |
| 139 | 103 | 2 |
| 140 | 103 | 2 |
| 141 | 103 | 3 |
| 142 | 103 | 3 |
| 143 | 103 | 3 |
| 144 | 103 | 3 |
| 145 | 103 | 3 |
| 146 | 103 | 3 |

Sheet1

| | | |
|-----|-----|---|
| 147 | 103 | 3 |
| 148 | 301 | 1 |
| 149 | 301 | 1 |
| 150 | 301 | 1 |
| 151 | 301 | 1 |
| 152 | 301 | 1 |
| 153 | 301 | 1 |
| 154 | 301 | 1 |
| 155 | 301 | 2 |
| 156 | 301 | 2 |
| 157 | 301 | 2 |
| 158 | 301 | 2 |
| 159 | 301 | 2 |
| 160 | 301 | 2 |
| 161 | 301 | 2 |
| 162 | 301 | 3 |
| 163 | 301 | 3 |
| 164 | 301 | 3 |
| 165 | 301 | 3 |
| 166 | 301 | 3 |
| 167 | 301 | 3 |
| 168 | 301 | 3 |
| 169 | 105 | 1 |
| 170 | 105 | 1 |
| 171 | 105 | 1 |
| 172 | 105 | 1 |
| 173 | 105 | 1 |
| 174 | 105 | 1 |
| 175 | 105 | 1 |
| 176 | 105 | 2 |
| 177 | 105 | 2 |
| 178 | 105 | 2 |
| 179 | 105 | 2 |
| 180 | 105 | 2 |
| 181 | 105 | 2 |
| 182 | 105 | 2 |
| 183 | 105 | 3 |
| 184 | 105 | 3 |
| 185 | 105 | 3 |
| 186 | 105 | 3 |
| 187 | 105 | 3 |
| 188 | 105 | 3 |
| 189 | 105 | 3 |
| 190 | 201 | 1 |
| 191 | 201 | 1 |
| 192 | 201 | 1 |
| 193 | 201 | 1 |
| 194 | 201 | 1 |
| 195 | 201 | 1 |

Sheet1

| | | |
|-----|-----|---|
| 196 | 201 | 1 |
| 197 | 201 | 2 |
| 198 | 201 | 2 |
| 199 | 201 | 2 |
| 200 | 201 | 2 |
| 201 | 201 | 2 |
| 202 | 201 | 2 |
| 203 | 201 | 2 |
| 204 | 201 | 3 |
| 205 | 201 | 3 |
| 206 | 201 | 3 |
| 207 | 201 | 3 |
| 208 | 201 | 3 |
| 209 | 201 | 3 |
| 210 | 201 | 3 |
| 211 | 200 | 1 |
| 212 | 200 | 1 |
| 213 | 200 | 1 |
| 214 | 200 | 1 |
| 215 | 200 | 1 |
| 216 | 200 | 1 |
| 217 | 200 | 1 |
| 218 | 200 | 2 |
| 219 | 200 | 2 |
| 220 | 200 | 2 |
| 221 | 200 | 2 |
| 222 | 200 | 2 |
| 223 | 200 | 2 |
| 224 | 200 | 2 |
| 225 | 200 | 3 |
| 226 | 200 | 3 |
| 227 | 200 | 3 |
| 228 | 200 | 3 |
| 229 | 200 | 3 |
| 230 | 200 | 3 |
| 231 | 200 | 3 |
| 232 | 202 | 1 |
| 233 | 202 | 1 |
| 234 | 202 | 1 |
| 235 | 202 | 1 |
| 236 | 202 | 1 |
| 237 | 202 | 1 |
| 238 | 202 | 1 |
| 239 | 202 | 2 |
| 240 | 202 | 2 |
| 241 | 202 | 2 |
| 242 | 202 | 2 |
| 243 | 202 | 2 |
| 244 | 202 | 2 |

Sheet1

| | | |
|-----|-----|---|
| 245 | 202 | 2 |
| 246 | 202 | 3 |
| 247 | 202 | 3 |
| 248 | 202 | 3 |
| 249 | 202 | 3 |
| 250 | 202 | 3 |
| 251 | 202 | 3 |
| 252 | 202 | 3 |
| 253 | 304 | 1 |
| 254 | 304 | 1 |
| 255 | 304 | 1 |
| 256 | 304 | 1 |
| 257 | 304 | 1 |
| 258 | 304 | 1 |
| 259 | 304 | 1 |
| 260 | 304 | 2 |
| 261 | 304 | 2 |
| 262 | 304 | 2 |
| 263 | 304 | 2 |
| 264 | 304 | 2 |
| 265 | 304 | 2 |
| 266 | 304 | 2 |
| 267 | 304 | 3 |
| 268 | 304 | 3 |
| 269 | 304 | 3 |
| 270 | 304 | 3 |
| 271 | 304 | 3 |
| 272 | 304 | 3 |
| 273 | 304 | 3 |
| 274 | 100 | 1 |
| 275 | 100 | 1 |
| 276 | 100 | 1 |
| 277 | 100 | 1 |
| 278 | 100 | 1 |
| 279 | 100 | 1 |
| 280 | 100 | 1 |
| 281 | 100 | 2 |
| 282 | 100 | 2 |
| 283 | 100 | 2 |
| 284 | 100 | 2 |
| 285 | 100 | 2 |
| 286 | 100 | 2 |
| 287 | 100 | 2 |
| 288 | 100 | 3 |
| 289 | 100 | 3 |
| 290 | 100 | 3 |
| 291 | 100 | 3 |
| 292 | 100 | 3 |
| 293 | 100 | 3 |

Sheet1

| | | |
|-----|-----|---|
| 294 | 100 | 3 |
| 295 | 102 | 1 |
| 296 | 102 | 1 |
| 297 | 102 | 1 |
| 298 | 102 | 1 |
| 299 | 102 | 1 |
| 300 | 102 | 1 |
| 301 | 102 | 1 |
| 302 | 102 | 2 |
| 303 | 102 | 2 |
| 304 | 102 | 2 |
| 305 | 102 | 2 |
| 306 | 102 | 2 |
| 307 | 102 | 2 |
| 308 | 102 | 2 |
| 309 | 102 | 3 |
| 310 | 102 | 3 |
| 311 | 102 | 3 |
| 312 | 102 | 3 |
| 313 | 102 | 3 |
| 314 | 102 | 3 |
| 315 | 102 | 3 |
| 316 | 300 | 1 |
| 317 | 300 | 1 |
| 318 | 300 | 1 |
| 319 | 300 | 1 |
| 320 | 300 | 1 |
| 321 | 300 | 1 |
| 322 | 300 | 1 |
| 323 | 300 | 2 |
| 324 | 300 | 2 |
| 325 | 300 | 2 |
| 326 | 300 | 2 |
| 327 | 300 | 2 |
| 328 | 300 | 2 |
| 329 | 300 | 2 |
| 330 | 300 | 3 |
| 331 | 300 | 3 |
| 332 | 300 | 3 |
| 333 | 300 | 3 |
| 334 | 300 | 3 |
| 335 | 300 | 3 |
| 336 | 300 | 3 |
| 337 | 101 | 1 |
| 338 | 101 | 1 |
| 339 | 101 | 1 |
| 340 | 101 | 1 |
| 341 | 101 | 1 |
| 342 | 101 | 1 |

Sheet1

| | | |
|-----|-----|---|
| 343 | 101 | 1 |
| 344 | 101 | 2 |
| 345 | 101 | 2 |
| 346 | 101 | 2 |
| 347 | 101 | 2 |
| 348 | 101 | 2 |
| 349 | 101 | 2 |
| 350 | 101 | 2 |
| 351 | 101 | 3 |
| 352 | 101 | 3 |
| 353 | 101 | 3 |
| 354 | 101 | 3 |
| 355 | 101 | 3 |
| 356 | 101 | 3 |
| 357 | 101 | 3 |
| 358 | 205 | 1 |
| 359 | 205 | 1 |
| 360 | 205 | 1 |
| 361 | 205 | 1 |
| 362 | 205 | 1 |
| 363 | 205 | 1 |
| 364 | 205 | 1 |
| 365 | 205 | 2 |
| 366 | 205 | 2 |
| 367 | 205 | 2 |
| 368 | 205 | 2 |
| 369 | 205 | 2 |
| 370 | 205 | 2 |
| 371 | 205 | 2 |
| 372 | 205 | 3 |
| 373 | 205 | 3 |
| 374 | 205 | 3 |
| 375 | 205 | 3 |
| 376 | 205 | 3 |
| 377 | 205 | 3 |
| 378 | 205 | 3 |

Sheet1

ANSWER,C,254

1969,nineteen sixty nine,nineteen sixty-nine

six,6,6 Apollo missions,six apollo missions,6 missions,six missions

saturn,saturn 5,saturn five,saturn V

3,three,3 stages,three stages

2,two,a pair

lunar module,the lunar module

a few days,few days,a couple of days,3 days

Cape Kennedy,Cape Canaveral,Florida,Cape Canaveral, Florida,Cape Canaveral in Florida

140 tons,140 tonnes,one hundred and forty tonnes,one hundred and forty tons

command module

fuel,all its fuel,its fuel

111 meters,111 m,111m,111 metres,one hundred and eleven meters,one hundred and eleven metres

60 km,60km,60 kilometers,sixty kilometers,sixty km,37 miles,60 kilometres,sixty kilometres

command module

the third,third,third stage,the third stage

service module

1972,nineteen seventy two,nineteen seventy-two

384 400 km,384400 km,384400km,384400 kilometers,384400 kilometres,384400

lunar,the lunar module,lunar module

30 000 kph,30000 kph,30000kph,30000 kilometers per hour,thirty thousand kilometers per hour,30000 kilometres per hour,thi

3 meters,3m,three meters,3 m,3 metres,three metres

light,light energy,the sun's,the sun's energy,the suns energy,the suns

silicon

sun,sunlight,light,sun light,the sun

energy,of energy,a form of energy

wires,cables,circuits

energy,of energy

circuits,a circuit

light-voltage,photovoltaic,light-voltage cells,light voltage cells

twice,two times,2 times

satellites,satellite stations,space stations

electric current,current,current electricity

amperes,amps,the ampere,the amp,A (amps)

silicon

cells,tiny cells

motion,movement,kinetic,kinetic energy

renewable,alternative

light,light energy

electric current,current,current electricity

no,n,no it doesn't,no sir!,certainly not,oooh no

electrons

navigation buoys,buoys

mass,a mass

yes,y,yup,yeah,oooh yes

less,not as much,they weigh less,less on the moon,weigh less,less weight,lighter

close,near,closer,nearer,close together,closer together

star,stars,a star

yes,y,yup,oooh yes,yes indeedy,it does,yes it does

Sheet1

weigh,you weigh,will weigh,you will weigh
gravity,by gravity,gravitational,gravitational force
weight,gives you weight,your weight
gravity,gravitational,force of gravity,gravitational force
burning,stops burning,burns
gravity,gravitational,force of gravity
event horizon,the event horizon,an event horizon
dense,heavy,dense object
complete halt,complete stop,a halt,a complete halt,a complete stop,a stop,stops,halts
faster than light,faster than the speed of light,light,than light
No,n,impossible,its impossible,it's impossible,no it's not
greater,larger,bigger
less,lesser effect,lesser
infinitely,infinitely dense,of infinite density
gravity,the force of gravity,force of gravity,gravitational
force,an upward force,a force,upward force
upthrust,up-thrust
densities,density
Yes,y,yes it will,oooh yes,yeah,yup
steel
Plimsoll,Plimsoll line,Plimsoll lines,the Plimsoll line,a Plimsoll line
air,it is air,it's air
sink,it will sink,it sinks,sinks
yes,y,yes it will,it'll float,you betcha
easy,easier
upthrust,up thrust,up-thrust,the upthrust,the size of the upthrust
sink,it will sink,it sinks,sinks
it might sink,it could sink,sink,of it sinking,of sinking,sinking
opposite directions
reaction force,reaction,a reaction force
action force,the action force,an action force,"action force"
equal to,equal,it's equal to it,equal to it
displaces,pushes aside,displaces (pushes aside)
upthrust,the upthrust
weight,the weight,its weight,the weight of the water
weight,the weight,the boat's weight,the weight of the boat,the boats weight
magnetism,it is magnetic,magnetic
magnet,a magnet,magnetic
Yes,Y,yes it is,oooh yes,definitely
2,two
force,a force
poles,the poles,its poles,north and south poles,the north and south poles,its north and south poles
repelled
yes,y,oooh yes,yes they do
north-south,northsouth,north/south,north south,north
magnetic field ,a magnetic field,its magnetic field,the magnetic field,magnetic
magnetic field,magnetism,magnetic force
No,n,nope,nup,no it wont,no way,uh uh
core,iron core,the iron core

Sheet1

attract
domains,a domain,they are domains
direction,way
magnetic,a magnet,magnet
attract,attract each other,they will attract
No,n,oh no,no, it's not,nope
Yes,y,yup,oh yes,yah,yeah
Magnetic,magnetic north
force
energy
Yes,y,oooh yes,yeah,yup,yah
friction,the force of friction,frictional
lubricants,lubrication,lubricant
motion,movement,moving
worm gear,worm,a worm,a worm gear,the worm,the worm gear
turning,turning motion
bevel,bevel gear,a bevel gear
rack and pinion gear,rack and pinion,a rack and pinion gear
size,ratio
smooth,clean
worm,worm gear,the worm gear,a worm,a worm gear
spur,spur gears
friction,frictional,frictional force,force of friction
yes,y,yeah,yup
space,room,much space
bevel gears,bevel,worm,worm gears
faster,quicker,more quickly,faster speed
lesser,lesser force,smaller ,smaller force,weaker,lesser turning force,less,less force
2,two,twice
cold,cold air,coldair
less dense,less
a burner,burner,the burner
gravity,gravitational,the force of gravity,force of gravity
football-shaped,foot ball shaped,like a football,foot-ball shaped,football,foot ball
airship,an airship,airships
ballast,ballast bags,the ballast,a ballast bag
decrease,gets less,gets lower,it decreases,decreases
Archimedes',Archimedes,Archimedes' principle,Archimedes principle
no,n,nah,nope
thermal,a thermal
drag,air resistance,"drag",air friction
it decreases,it gets less,reduces,varies,decreases,gets less
High ,high,higher
less,less air
cold air,cold,cold air is
descend,it will descend,go down,it descends
volume,its volume
yes,right,y,yup,yeah
rudder,a rudder,the rudder

Sheet1

density,its density,the density
rock,rocks
Jupiter
rock,stone,space rock
friction,frictional,frictional force,heat,heat from friction,the force of friction
yes,y,often,frequently,quite frequently,every day
none,no-one,nobody,no one,0,zero
sun,the sun
asteroid,asteroid belt,the asteroid belt
craters,crater,a crater,the craters
About 4.5 billion years ago,4.5 billion years ago,about 4.5 billion years,4.5 billion years,4 1/2 billion years ago
meteorite,a meteorite,a large meteorite
800 million years old,800 million years,eight hundred million years,800 million
metal,mostly metal,mostly of metal
Chicxulub
radar,radar systems,radar system
the minor planets,minor planets,minor planet,a minor planet
two-thirds,two thirds,0.666666666666667
65 million years,65 million years ago
atmosphere,the atmosphere,no atmosphere
naked eye,the eye,the naked eye,without a telescope,your eyes,your naked eye
the Sun,the sunlight,light,the light,sunlight
lubricant,a lubricant,the lubricant
friction,frictional,frictional force,the force of friction
friction,frictional,frictional force,the force of friction
increase,increases,it increases
rough surfaces,rough,rough ones
Yes,y,yup,yeah
heat,unwanted heat,heat energy
heat energy,sound energy,heat,sound
two,2
air friction,air resistance
kinetic,kinetic energy
yes,y,yeah,yup
lots,a lot,a lot of friction,lots of friction,lot of friction
heat,heat energy
force,enough force
no,n,nope,nah
kinetic,kinetic energy
drag,aerodynamic drag
roll it,roll,roll something,to roll it
friction
heat,heat energy,hot hands,warm hands,warmth
shock wave,a shock wave,the shock wave
gunpowder,gun powder,gun-powder
sulfur,charcoal,saltpeter,potassium nitrate,salt peter,saltpetre,sulphur
No,n,nope,nah,nup
go bang,bang,make a noise,create a shock wave,make a shock wave
very quickly,rapidly,quickly

Sheet1

saltpeter,saltpetre,salt peter
gas,gases,expanding gas,air,expanding gases
vibrates,shakes,vibrates rapidly,it is vibrating,vibrating,it vibrates
several days
shaking,shake,a shake,shaking force,shaking energy,shake it,shaking it
high explosives,high explosive
air,gases,gas
atoms,its atoms,in their atoms,in its atoms,in the atoms,in atoms
water,water vapor,water vapour,watervapor
detonator,A detonator,the detonator
True,yes
they break apart,they break,break,break apart,they are broken,broken,breaks
all directions,all,many
six million,6 million,6000000,6 000 000,6 million joules,6000000J,6000000 J
chemical,chemical energy
energy,of energy
vibrations,vibration,vibrating,objects vibrating
wavelength,the wavelength,the wavelength of the sound,its wavelength
pressure,air pressure,high and low pressure
eardrum,your eardrum,ear drum,your ear drum,the ear-drum,the eardrum,an eardrum
pressure,high pressure,an area of high pressure
760 mph,760 miles per hour,760mph,760,seven hundred and sixty
potential,potential energy
cone,a cone,conical,cone-shaped,shaped like a cone
kinetic,movement,kinetic energy
frequency,the frequency,a frequency,its frequency
one,1,one wavelength,1 wavelength
vibrating,to vibrate,vibrating rapidly,vibrate,vibrates
electrical signals,signals,electrical impulses
a sonic boom,sonic boom,the sonic boom
pressure,high pressure
electrical,electrical energy,as electrical energy
high pressure,pressure,compressed air,high air pressure
pressure,sound,pressure wave
hertz,Hz,Hz (hertz),hertz (Hz)
3400 mph,over 3400 mph,3400mph,over 3400mph 3400 miles per hour
reaction,action and reaction
astronauts,people,cosmonauts
No,n,nope,nah
faster,more quickly,more rapidly
liquid,liquid fuel,liquid fuels
False,No,untrue
gravity,the Earth's gravity,the Earth's gravitational pull,Earth's gravity,Earths gravity
small rocket engines,rocket engines,rockets,small rockets,thrusters
friction,frictional force
Newton's third law,newtons third law,Newton's 3rd law,newtons 3rd,newton's 3rd,newtons third
forwards,forward
weaker,weak,gets weaker
chemical,chemical energy,as chemical energy

Sheet1

oxygen,air
higher,further,farther,longer,greater the distance
oxygen,air
a liquid-fueled rocket,liquid-fueled rocket,the liquid-fueled rocket,liquid fuel,liquid fueled,a liquid fueled rocket,liquid,liquid-fueled
cool,cold,chilled
hydrogen
expand,expand rapidly
opposite,other,the opposite,the opposite direction
low orbit,low,a low orbit
3,three
navigation satellites,navigation,navigation satellite
aerials,antennae
weather,meteorological,weather satellites,weather satellite
signals,information,data
solar panels,solar cells
geostationary,geostationary satellite,a geostationary satellite,a "geostationary satellite"
polar,polar orbit
24 hours,twenty four hours,twentyfour hours,twenty-four hours,one day,1 day,a day
300 km,300km,about 300km,about 300 km,300 kilometers,about 300 kilometers,300 kilometres
orbits,circles,travels around
moon,the moon
orbits,places
a polar orbit,polar orbit,polar,"polar orbit",a "polar orbit"
maps,charts,maps and charts,charts and maps
orbit,rotation,orbit of the earth,revolution
interfere
turn,rotate,spin,turn on its axis,spin on its axis
300 km,about 300 km,about 300km,about 300 kilometers,300 kilometers,300 kilomtres,about 300 kilometres,300km
communications satellites,communications,communication satellites,communication satellite,a communication satellite
potential energy,strain energy,potential,strain
stretch it,stretch
overstretched,over stretched,over-stretched,as overstretched,as over stretched,as over-stretched,its overstretched,it is overstretched
Forces,force
force,a force,forces
Energy,potential energy,strain energy
molecules,similar sub-atomic particles
difficult,stiff
elasticity,their elasticity,its elasticity
False,no
stiff,they are stiff,stiff
fatigue,from fatigue
elastic,elastic constant
forces,force,the forces,the force
elastic limit,the elastic limit,its elastic limit
kinetic,kinetic energy
change in length,change of length,length change,the change in its length
Newtons per meter,Newtons/meter,N/m,Newton meters,Newtons per metre,Newtons/metre,Newton metres
it doubles,doubles,double,doubled,it is doubled
atoms,molecules,atoms and molecules,atoms or molecules

Sheet1

repelling,repelling forces,repulsive,repulsive forces
lever,Lever,a lever
effort,force,Effort,Force
increase,increase it
force,effort
moment,a moment,the moment,its moment
ramp,a ramp,a curled up ramp
washer,stopper,a washer,the washer,the stopper,a stopper
yes,y,yeah,yup
easier,more easily
washer,a washer,the washer
kinetic,kinetic energy
fulcrum,a fulcrum,the fulcrum,its fulcrum
potential,potential energy
a ramp,ramp,a long ramp
bigger force,bigger,larger,more force
moment,torque
farther,further
push it,push,up a ramp,push it up a ramp
newton-meters,Nm,newton-meter,newton meters
advantage,Advantage
distance
over a second,more than a second,about a second,a second,one second,1 second,over 1 second
pictures,photographs
surface
Mars
the Luna probes,Luna probes,luna
1997,nineteen ninety seven
in space,space,beyond earth
power,their power,its power
Soviet Union,the Soviet Union,Russia
10 minutes,10 mins,ten minutes,over 10 minutes,more then 10 minutes,more than ten minutes
5,five,five surveyor probes,5 american probes,5 probes,5 american surveyor probes
1997,nineteen ninety-seven
unmanned,unmanned craft,unmanned spacecraft,probes,space probes,lunar probes
decisions,choices
scientific instruments,instruments
at the speed of light,speed of light,the speed of light,lightspeed
a soft landing,soft landing,"soft landing",a "soft landing"
the apollo lander,apollo lander,lunar lander,apollo,apollo 11
1969,nineteen sixty-nine
Mars
Mars-96,mars96,mars 96,mars ninety-six
No,n,nope,nah,never
momentum,its momentum,the momentum
a force,force
No,n,nope,nah,never
yes,y,yup,yeah,it can
kinetic energy,kinetic

Sheet1

kinetic energy,kinetic
the recoil,recoil
the heavier one,the heavier,heavier,heavy
Yes,y,yup,yeah,they do
a moving mouse,the mouse,a mouse,mouse,a mouse on the move,a walking mouse
momentum,the momentum
None,no momentum,zero
increase,increases,it increases,its momentum increases,momentum increases,the momentum increases
less,lesser,less than a light one
a reaction,a reaction force,reaction force,reaction
opposite directions,opposite,opposite direction,the opposite direction
the fast one,the faster,faster,fast,fast one,a fast one
heat and sound,heat energy and sound energy,sound energy and heat energy,sound and heat
8kgm/s,8 kgm/s,8,eight
more,more than before,greater
wind,the wind,moving air,currents of air
wood,wooden slats,slats of wood,wooden
wind turbines,"wind turbines",a wind turbine,wind turbine
rotor blades,propellers,a rotor blade,propellor,propeller blades
generators
kinetic,kinetic energy
wind farm,a wind farm,"wind farm",a "wind farm"
the atmosphere,the air,air,atmosphere,Earth's atmosphere
kinetic,kinetic energy
power
5 million,five million,5 million joules,five million joules
1 joule,one joule,1 J
over 100 meters,100 meters,100 metres,more then 100 meters,over 100 m,100 m,100m,one hundred meters,over 100 metres
A renewable energy source,renewable',renewable,renewable energy
fossil fuels,fossil fuels'
A renewable energy source,renewable',renewable,renewable energy
an airplane propellor,airplane propellor,airplane propeller
lighter,warm air is lighter,its lighter,it is lighter,lighter than cool
a watt,one watt,watt, 1 watt,the watt
None,Zero,0,nothing,zip,nada
60,sixty,60 joules,sixty joules

Sheet1

MISSPELT,C,254

1996

sox,6 apolo missions,6 apollo misions,6 misions

saturnv,saturn5,aturnv,satun 5,satun v

3stages,threestages,3 satges,three sages,3 sages,tree stages,3 satges

to,too

lunarmodule,thelunarmodule,luna module,luner module,the luna module,lunar model

afewdays,fewdays

CapeCanaveral,Cape Canvral,Cape Canavrel,Cape canavrel,cape canaveral

140tonnes,140 tuns

comand module,command model,command modle

feul,fule,fool

111meters,onehundredandelevenmeters,one hunred and eleven meters,one hundred and elven meters

60kilometers,60 kilomters

comand module,commend module,commandmodule,command model

the thrid,thethird,thethirdstage

theservicemodule,serice module,servece module,servis module,service modele,service modle,service module,service modlu

1927

384400kilometers

luna,luner,lunar module,the lunar module

30000 k/h,3000 kph,300000 kph

lightenergy,thesun's,thesuns

silicone,silcon,silicen,sillicon

son,lite,sonlight

enrgy,enegy,enargy,enregy

wirs,cabals,circiuts,wiars,wirse

enrgy,enegy,enargy

acircuit,curcuits,a curcuit,a circit,circits,a circus

light voltage-cells,lightvoltage cells,lite-voltage cells,light-volage cells,light-voltige,light-voltige cells

two,2,twotimes

staellites,satlites,satelites,satellitestations,salletites

electric current,electric curent,electric currant,eclectic currant,electric current

theampere,theamp,ants,ampers,ampeers,the ampeer,amp

sillicon,silicone,silcon,sillercon,silacon

cels,tinycells,tiny cels,sells

moton,movment,motoin,moving

re-newable,reneable,altenative

lite,lite energy,light enegy,light enrgy,lihgt,ligh

electric current,electriccurrent,electric curent,electric currant,curent,currant,curent electricity,current eletricity

nah

eletrons,electrens

naviation buoys,bouys,navigation bouys,navigation boys,boys

mas,amass

defnitly

les,lesser

clos,nere,close togeter,closer togtehr,close togtehr

tars,rats,astar

Sheet1

way, weight, weigh
gravit, gravity, gravety, gravetey, gravitey, gravetational, gravtational
wieght, yourweight, wait, wate
gravity, gravty, gravtational, gravational
buning, buming, stopsburning, to burn
gravity, gravty, gravity, forceofgravity
eventhorizon, theeventhorizon, evert horizon, event horison, ever horizon
density, destiny, dens, denseobject
completehalt, completestop, acompletehalt, a completestop, ahalt, complete halt, a compete halt, compete halt
fasterthanlight, then light, than lite, thanlight
its imposible, imposible, nah, no it snot
grater
les
infinitelydense, infinite, inifinitely dense, inifinate density, infinitelydense, ifinately, infintly, infintly dense, infinite destiny
grativy, gravty, gravety
forse, upwad force
up thrust
destinies, dentity, detity, destity, densitys

steal, seel, seal
Plimsollline, plimsol, plimsol line, the Plimsol line, a plimsol line
are
itwillsink, itsinks

east, eesy
uptrust, thrustup, thrust up, upt rust, thesizeoftheupthrust
sank, sunk, it stinks, stink
itmightsink, itcouldsink, ofitsinking, ofsinking, it cood sink, sunk
oppositedirections, oposite directions, opposite drections, oppsite directions, opposite direction, opposite directon, opposite directio
reactionforce, reacion, areactionforce, reation force, reacion force, reacshun force, reaction forse
theactionforce, anactionforce, actionforce, "actionforce", action forse, actio nforce
equalto
pushesaside, push aside, dispaces, desplaces
theupthrust
wait
wieght, theweight, theboatsweight, theweightoftheboat
magnatism, manetism, manetic
amagnet
yesitis
too, to
forse
pols, thepoles, itspoles, it's poles
repeled, repealed
yestheydo, yes it does

magneticfield, magnetic feild, manetic field, amagneticfield
magneticfield, manetic field, magnetic feild

ironcore, ion core, iron caw, iron claw

Sheet1

attract,attract,unrepel,not repel
domanes,demains,domans
dircion,direction,derection,direcshun
manetic,magetic,amagnet
attract,attract

manetic,magneticnorth
foce,forse,firce
enrgy,eneregy,enegy,engy
Ye,ys,es
fiction
lubicants,lubricnts,loobricants,lubricunts,lubricant
moshun,moton,motin,motoin,movemnt,movenmet,movment,movin
wormgear
turing,turing motion,turningmotion
bevl,bevl gear,beval,beval gear,bevel gaer,bevel gear,bevelgear
rack and pinnion gear,rack and pinnion,rack and pinniongear,rack and piniongear
rate,rasho,rati,rato,sixe,sise
smoot,sooth,smoth
wormgear,worn gear,worm ghia,a worm gera
spare,spur gaers,spurgears
fiction
es,ye,ys
spase,spac,spece,rom,muchspace
bevl gears,bevl gears,bevl,bevlle gears,bevlle gears,bevlle,bevlgear,wormgear
fast,fasterspeed,morequickly,moor quickly,more quikly,fastr
leser,leser force,lesserforce,lessforce
twise,too,to
col dair,cold are
lessdense,les dense
bruner,aburner
gravty,gravety,gravy
football-shaped,fotball,footbal,footballshaped
an air ship,airships,an areship,anairship
balast,ballastbags,balast bags
decrease
Archemedes,Archimedes' principal,Archimede's principle
now
thermel,thermle,athermal,a thurmal
airresistance,air restistance
it decreases
hi
lessair,les air,less are
coldair,cold are
desend,godown
volme,volum

ruder,a ruder,the ruder

Sheet1

it's density, its density, destiny, density
rok, rokc
jupiter, jupter, jupater, jewpeter, jupetr
rokc, rok
fiction, fricton, frictional force
fequently, feqently, everyday
noone

thesun, son, the son
asterod, asteroid belt, astroid, the asteroid belt, asteroids
crates, raters, crayters, cratas
about 4.5 billion years ago, 4.5 billion year, 4.5 billion years ago, 4 1/2 billion years
meteor, metoerite, meterite
800 million years, 800 million years old, 800 million years old
metle, metel, mettal, mostly metal, mostly of metal, mettle
chicxulub, chixulub, cicxulub, chichlub
rader systems, raider systems, raider systems, raider, raider, radar systems
the minor planets, minor planets, minor planets, small planets
two thirds
65 million, 65 million years, 65 million years, 65 million year
atmospere, atmosphere, atmosfeer, the atmosphere, air
nakedeye, theeye, thenakedeye
son, the son
lubrcant, lubricant, lubrecant
fiction, frictional, fraction
fiction, frictional, fraction
increace, increce, increse, increas
rough surfaces

hete, heat energy, heat energy
heat energy, sound energy, heat energy, sound energy, heat energy, sound energy, heat energy, sound energy, heat energy, sound energy
too, to, tow, 3, 1
air friction, air friction, are friction, air-friction
kinetik, kinetic energy, kinetik energy, kinetic energy, kinetic energy, kinetic energy

alot, alot of friction, alot of friction, a lot of fiction, lots of fiction
hate, heat energy, heat energy, heat energy
forse, enouhg force, enuff force
now
kynetic, kynetic energy, kynetic energy, kinetic energy, kinetic energy, kinetic energy, kinetic energy, kinetic energy
dragg, aerodynamic drag, aerodynamic dragg, aiodynamic drag
rollit, rolit, rol it
fiction, fraction, fricton
heat energy, heat energy, heat energy, heat energy, heat energy
shockwave, shok wave, shoc wave, a shockwave, a shock, a shok wave
gun powder
charcole, saltpetre, potassium nitrate, potassium nitrate, potassium nitrate, salpeter

gobang, gob ang
very quickly, quick, very quick, qiuckly, quickley, quikly

Sheet1

salpeter, saltpetar
gasses, expending gas
vibates, vibrates rapidly, it is vibrating, vibating
several days, several days
shaking force, shaking force, shakig
high explosives, high-explosives
are, gasses
its atoms, it's atoms, it's atoms, in its atoms, in its atoms, in its atoms
water vapour, water vapor, water vapor, water vapor
a detonator
true
they break apart, they break, break apart, they are broken, break, they break, they break apart, they break a part
all directions, all directions
six million, 6 million
chemical, chemical energy, chemical energy, chemical energy, chemical energy
energy, energy, energy, energy
vibrations, vibrations, vibrations, vibration, vibration, vibration, vibration
wavelength, wavelength, the wavelength, the wavelength, it's wavelength, wavelength
pressure, of pressure
your eardrum, the eardrum
high pressure, pressure, high pressure
760 miles per hour
potential, potential energy, potential energy, potential energy, potential energy
a cone, conical, a cone
kinetic, kinetic, kinetic, kinetic energy, kinetic energy, kinetic energy, kinetic energy
the frequency, frequency, it's frequency, frequency
one wavelength, 1 wavelength, one wavelength, 1 wavelength
to vibrate, vibrating rapidly
electrical signals, electric signals
a sonic boom, sonic boom
pressure, high pressure, high pressure
electrical energy, electric energy, electric
high pressure, high pressure, high pressure
pressure, pressure wave, pressure wave
hertz, hertz, hertz, HZ
3400 miles per hour, 3400 miles per hour
reaction, re-action, reaction, reaction
astronauts, astronauts, astronauts, astronauts, astronauts, astronauts, astronauts

more quickly, harder
liquid, liquid, liquid fuel
false, false
gravity, gravity, gravity
small rocket engines, small rocket engines, small rocket engines, small rockets, small rockets
fiction, friction, friction, fictional force
Newton's third law, Newton's third law, Newton's third law, Newton's third law, Newton's third law
forward, forward, forward
weaker
chemical, chemical, chemical energy, chemical energy

Sheet1

oxigen,are
higer,hihger
oxigen,are,ayr
aliquid-fueledrocket,liquid-fueledrocket,liquidfueledrocket,liquid fuelled
chiled
hidrogen,hiderogen,hydrogan
expend,expend rapidly,expandrapidly
oposite,theopposite
low orbit,loworbit,aloworbit
free,tree,hree,htree
navation,navation satellites,navigation satelites,navagational,navigation
arials,airiels,ariels,aireals,aerial
whether,wether,waether,weather satelites,weathersatellites,weahter
signal,informaton,infermation,signels,signils
soler panels,solarpanels,sola panels,solar panel,solar panals,sollar panels
geostatonary,geostationarysatellite,geostationary satelite,geostationery
poler,pola,poler orbit,polarorbit,polar orbit
24hours,twentyfourhours,24 of your earth hours
about300km,300kilometers,about300kilometers
obits,curcles,cicles,circels
mone,mon
obits
apolarorbit,polarorbit,a"polarorbit",a poler orbit,a "poler orbit",poler
mapsandcharts,chartsandmaps,carts,maps and carts,spam
orbit,orbitoftheearth
interfer,inefere,infere,intafere,interfear
turnonitsaxis,turn on it's axis,turnonit'saxis,spinonitsaxis,spinonit'saxis
about300km,about300kilometers
comunications satellites,communication satelites,communication sattelites,communicationssatellites
potential enegy,potential energy,potental enegy,potental,stain energy,strain enegy,strain enegy,stain,potential energy,potental e
stetch,stetch it,stretchit,strech it,strech
overstretch,over stretched,overstretched
fourse,force
aforce,force,a forse
enegy,engy,potental energy,potentialenergy,strainenergy,stain energy
molecule,molercules,molcules
dificult,diffecult,difecult
elasticity,elastcity,there elasticity,theirelasticity
flase,fals
stif
fateag,fatige,fategue,fatige
elastick,elastik,elasticconstant
force,forses,theforces
elasticlimit
kinetik,kinetik energy,kineticenergy,kinetec energy,kinetic enegy,kinetic enrgy
changeinlength,changeoflength,lengthchange

dubbles,duobles
atomsandmolecules,molcules,atom,molecule,atomsormolecules,atom or molecules,atom or molecule

Sheet1

repel,repeling,repelling,repellingforces,repeling forces,repelling forces
levver,levar,alever
Effrot
increse,increaseit,increas
forse
momint,monent,mometn
rap,ranp
washr,stoper,stpper,wash,stop,stopr
es,ys,ye
easer,Easly,esier
washr,a washr,waher,thewasher,awasher,the washr
kineticenergy,kinetik energy,kintic energy,kinetic enegy,kinetic enrgy
fuclrum,fullcrum,fulckrum
potental,potentialenergy,potental energy
aramp,alongramp
big,biger,biger force,biggerforce,moreforce,lager
noment,momemnt,monemt
father,far,farer
pushit,pus hit,pu shit,psh it,ramp,rap
nm,nM,Newton-Meters
avantage,advantidge
distence,disernce
overasecond
pitchers,picures,picture,pictuers,pichers
suface,serface,surfase,serfis,serfice
marrs,mas
thelunaprobes,lunaprobes,lunar probes,the lunar probes
nineteenninetyseven
inspace
powr
SovietUnion,theSovietUnion,Soviet Onion,Rusia,sovet union,soveit union,soviet unoin,Russian
morethan10minutes,tenminutes,10 minits,ten minits,10 minates,ten minates
5probes,5Americanprobes,5americansurveyorprobes
1979
unmaned,unmaned craft,unnamed,spaceprobes,lunarprobes
desisions,decicions,desicions,descisions,chioces
scientificinstruments,sceintific instruments
atthespeedoflight,speedoflight,thespeedoflight,the sped of light,at the speed of lite
asoftlanding,softlanding,"softlanding",a"softlanding",a soft land
apollolander,appolo lander,appollo lander
nineteensixty-nine,1996
mas,mass,mats
mas-96,mars_96,marsninety-six

itsmomentum,it's momentum,mometum
aforce,a forse,forse

kineticenergy,kinetik energy,kinetic enrgy,kinetic enegy

Sheet1

kineticenergy,kinetik energy
therecoil,the recol,the reciol,recol,reciol
theheavierone,theheavier,the hevier one

amovingmouse,themouse,amouse,the mose,a moose
momenum,momntum
nomomentum
itincreases,itsmomentumincreases
les
raction,re-action,reactionforce
opposite,opposite directions,oppositedirections,oppositedirection
thefastone,thefaster,fastone,fats one
soundandheat,heatandsound
ate
moor,morethanbefore,more then before
thewind
wod,woodenslats,wooden slits,woden slats,wooden slat
windturbines,"windturbines",wind turbans,wind turbins
rotorblades,rota blades,roter baldes,rotor blade,propeler,propelor
genrators,generaters,genorators
kinetik,kineticenergy
windfarm,awindfarm,a"windfarm"
atmophere,atmospere
kinetik,kinetik energy,kinetic enrgy,kinetic enegy,kinetic energy,kineticenergy
powar
5 milion,five milion,5 milion joules,five milion joules,5 million jules,five million jules
1 jule,one jule
100meters,over100meters
renewble,reneweble,arenewableenergysource,renewable enrgy,renewable enargy,renewable enegy
fossilfuels,fossil fuels,fossil fules
renewble,reneweble,arenewableenergysource,renewable enrgy,renewable enargy,renewable enegy
anairplanepropeller,areplane propeller,areplane propellor,airplain propeller,airplain propellor
light,liter

sixtyjoules,60joules

NARR,REFEUSECASE,N,4,0

| | | |
|------|-----|---|
| xxxx | 131 | 0 |
| xxxx | 132 | 0 |
| xxxx | 132 | 0 |
| xxxx | 133 | 0 |
| xxxx | 132 | 1 |
| xxxx | 131 | 0 |
| xxxx | 133 | 0 |
| xxxx | 131 | 0 |
| xxxx | 131 | 0 |
| xxxx | 132 | 0 |
| xxxx | 132 | 0 |
| xxxx | 132 | 0 |
| xxxx | 133 | 0 |
| xxxx | 131 | 0 |
| xxxx | 132 | 0 |
| xxxx | 132 | 0 |
| xxxx | 133 | 0 |
| xxxx | 133 | 0 |
| xxxx | 133 | 0 |
| xxxx | 137 | 0 |
| xxxx | 137 | 0 |
| xxxx | 137 | 0 |
| xxxx | 138 | 0 |
| xxxx | 137 | 0 |
| xxxx | 139 | 0 |
| xxxx | 137 | 0 |
| xxxx | 138 | 0 |
| xxxx | 138 | 1 |
| xxxx | 137 | 0 |
| xxxx | 137 | 0 |
| xxxx | 138 | 0 |
| xxxx | 139 | 0 |
| xxxx | 138 | 1 |
| xxxx | 138 | 1 |
| xxxx | 139 | 0 |
| xxxx | 138 | 0 |
| xxxx | 139 | 0 |
| xxxx | 127 | 0 |
| xxxx | 126 | 0 |
| xxxx | 127 | 0 |

Sheet1

| | | |
|------|-----|---|
| xxxx | 127 | 0 |
| xxxx | 126 | 0 |
| xxxx | 126 | 0 |
| xxxx | 128 | 0 |
| xxxx | 126 | 0 |
| xxxx | 128 | 0 |
| xxxx | 128 | 0 |
| xxxx | 128 | 0 |
| xxxx | 127 | 0 |
| xxxx | 127 | 0 |
| xxxx | 128 | 0 |
| xxxx | 127 | 0 |
| xxxx | 87 | 0 |
| xxxx | 87 | 0 |
| xxxx | 88 | 0 |
| xxxx | 88 | 0 |
| xxxx | 88 | 0 |
| xxxx | 90 | 0 |
| xxxx | 88 | 0 |
| xxxx | 88 | 0 |
| xxxx | 88 | 1 |
| xxxx | 88 | 0 |
| xxxx | 87 | 0 |
| xxxx | 87 | 1 |
| xxxx | 90 | 0 |
| xxxx | 89 | 1 |
| xxxx | 89 | 0 |
| xxxx | 89 | 0 |
| xxxx | 89 | 0 |
| xxxx | 87 | 0 |
| xxxx | 93 | 0 |
| xxxx | 93 | 0 |
| xxxx | 95 | 0 |
| xxxx | 94 | 0 |
| xxxx | 93 | 0 |
| xxxx | 94 | 0 |
| xxxx | 94 | 0 |
| xxxx | 94 | 0 |
| xxxx | 95 | 0 |
| xxxx | 93 | 0 |
| xxxx | 95 | 0 |
| xxxx | 97 | 0 |
| xxxx | 95 | 0 |

Sheet1

| | | |
|------|----|---|
| XXXX | 94 | 0 |
| XXXX | 96 | 0 |
| XXXX | 96 | 0 |
| XXXX | 95 | 0 |
| XXXX | 94 | 0 |
| XXXX | 95 | 0 |
| XXXX | 93 | 0 |
| XXXX | 95 | 0 |
| XXXX | 38 | 0 |
| XXXX | 39 | 0 |
| XXXX | 40 | 0 |
| XXXX | 41 | 0 |
| XXXX | 41 | 0 |
| XXXX | 41 | 0 |
| XXXX | 42 | 0 |
| XXXX | 40 | 0 |
| XXXX | 41 | 0 |
| XXXX | 42 | 0 |
| XXXX | 42 | 0 |
| XXXX | 41 | 0 |
| XXXX | 41 | 0 |
| XXXX | 42 | 0 |
| XXXX | 42 | 0 |
| XXXX | 39 | 0 |
| XXXX | 40 | 0 |
| XXXX | 39 | 0 |
| XXXX | 57 | 0 |
| XXXX | 57 | 0 |
| XXXX | 57 | 0 |
| XXXX | 58 | 0 |
| XXXX | 59 | 0 |
| XXXX | 58 | 0 |
| XXXX | 57 | 1 |
| XXXX | 57 | 0 |
| XXXX | 59 | 0 |
| XXXX | 59 | 0 |
| XXXX | 58 | 0 |
| XXXX | 58 | 0 |
| XXXX | 58 | 0 |
| XXXX | 57 | 0 |
| XXXX | 59 | 0 |
| XXXX | 57 | 0 |
| XXXX | 57 | 0 |
| XXXX | 59 | 0 |

Sheet1

| | | |
|------|-----|---|
| xxxx | 57 | 0 |
| xxxx | 148 | 0 |
| xxxx | 150 | 0 |
| xxxx | 150 | 0 |
| xxxx | 148 | 0 |
| xxxx | 148 | 0 |
| xxxx | 149 | 0 |
| xxxx | 148 | 0 |
| xxxx | 150 | 0 |
| xxxx | 150 | 0 |
| xxxx | 148 | 0 |
| xxxx | 150 | 0 |
| xxxx | 150 | 0 |
| xxxx | 149 | 0 |
| xxxx | 149 | 0 |
| xxxx | 150 | 0 |
| xxxx | 47 | 0 |
| xxxx | 47 | 0 |
| xxxx | 49 | 0 |
| xxxx | 45 | 0 |
| xxxx | 46 | 0 |
| xxxx | 46 | 0 |
| xxxx | 47 | 0 |
| xxxx | 47 | 0 |
| xxxx | 45 | 0 |
| xxxx | 45 | 0 |
| xxxx | 47 | 0 |
| xxxx | 47 | 0 |
| xxxx | 48 | 0 |
| xxxx | 48 | 0 |
| xxxx | 49 | 0 |
| xxxx | 49 | 0 |
| xxxx | 47 | 0 |
| xxxx | 45 | 0 |
| xxxx | 49 | 0 |
| xxxx | 49 | 0 |
| xxxx | 47 | 0 |
| xxxx | 80 | 0 |
| xxxx | 84 | 0 |
| xxxx | 84 | 0 |
| xxxx | 83 | 0 |
| xxxx | 81 | 0 |
| xxxx | 82 | 0 |

Sheet1

| | | |
|------|-----|---|
| xxxx | 84 | 0 |
| xxxx | 80 | 0 |
| xxxx | 81 | 0 |
| xxxx | 82 | 0 |
| xxxx | 84 | 0 |
| xxxx | 82 | 0 |
| xxxx | 80 | 0 |
| xxxx | 82 | 0 |
| xxxx | 83 | 0 |
| xxxx | 84 | 0 |
| xxxx | 80 | 0 |
| xxxx | 82 | 0 |
| xxxx | 80 | 0 |
| xxxx | 82 | 1 |
| xxxx | 82 | 0 |
| xxxx | 74 | 0 |
| xxxx | 74 | 0 |
| xxxx | 75 | 0 |
| xxxx | 75 | 0 |
| xxxx | 76 | 0 |
| xxxx | 77 | 0 |
| xxxx | 75 | 0 |
| xxxx | 76 | 0 |
| xxxx | 77 | 0 |
| xxxx | 76 | 0 |
| xxxx | 75 | 0 |
| xxxx | 75 | 0 |
| xxxx | 74 | 0 |
| xxxx | 76 | 0 |
| xxxx | 77 | 0 |
| xxxx | 77 | 0 |
| xxxx | 76 | 0 |
| xxxx | 77 | 0 |
| xxxx | 74 | 0 |
| xxxx | 75 | 1 |
| xxxx | 75 | 0 |
| xxxx | 106 | 0 |
| xxxx | 106 | 0 |
| xxxx | 107 | 0 |
| xxxx | 107 | 0 |
| xxxx | 110 | 0 |
| xxxx | 107 | 0 |
| xxxx | 107 | 0 |
| xxxx | 109 | 0 |
| xxxx | 109 | 0 |
| xxxx | 106 | 0 |
| xxxx | 109 | 0 |
| xxxx | 107 | 0 |
| xxxx | 108 | 0 |

Sheet1

| | | |
|------|-----|---|
| xxxx | 110 | 0 |
| xxxx | 107 | 0 |
| xxxx | 110 | 0 |
| xxxx | 108 | 0 |
| xxxx | 106 | 0 |
| xxxx | 145 | 0 |
| xxxx | 145 | 0 |
| xxxx | 144 | 0 |
| xxxx | 143 | 0 |
| xxxx | 144 | 0 |
| xxxx | 143 | 0 |
| xxxx | 143 | 0 |
| xxxx | 145 | 0 |
| xxxx | 142 | 0 |
| xxxx | 142 | 0 |
| xxxx | 145 | 0 |
| xxxx | 143 | 0 |
| xxxx | 145 | 0 |
| xxxx | 145 | 0 |
| xxxx | 144 | 0 |
| xxxx | 30 | 0 |
| xxxx | 31 | 0 |
| xxxx | 34 | 0 |
| xxxx | 35 | 0 |
| xxxx | 33 | 0 |
| xxxx | 31 | 0 |
| xxxx | 32 | 0 |
| xxxx | 33 | 0 |
| xxxx | 32 | 0 |
| xxxx | 34 | 0 |
| xxxx | 33 | 0 |
| xxxx | 34 | 0 |
| xxxx | 33 | 0 |
| xxxx | 32 | 0 |
| xxxx | 34 | 0 |
| xxxx | 31 | 0 |
| xxxx | 33 | 0 |
| xxxx | 33 | 0 |
| xxxx | 33 | 0 |
| xxxx | 32 | 0 |

Sheet1

| | | |
|------|-----|---|
| xxxx | 32 | 0 |
| xxxx | 23 | 0 |
| xxxx | 26 | 0 |
| xxxx | 23 | 0 |
| xxxx | 23 | 0 |
| xxxx | 24 | 0 |
| xxxx | 26 | 0 |
| xxxx | 25 | 0 |
| xxxx | 24 | 0 |
| xxxx | 24 | 0 |
| xxxx | 25 | 0 |
| xxxx | 27 | 0 |
| xxxx | 23 | 0 |
| xxxx | 27 | 0 |
| xxxx | 26 | 0 |
| xxxx | 23 | 0 |
| xxxx | 24 | 0 |
| xxxx | 23 | 0 |
| xxxx | 26 | 0 |
| xxxx | 24 | 1 |
| xxxx | 26 | 0 |
| xxxx | 24 | 0 |
| xxxx | 156 | 0 |
| xxxx | 155 | 0 |
| xxxx | 155 | 0 |
| xxxx | 156 | 0 |
| xxxx | 155 | 0 |
| xxxx | 156 | 0 |
| xxxx | 154 | 0 |
| xxxx | 154 | 0 |
| xxxx | 155 | 0 |
| xxxx | 156 | 0 |
| xxxx | 155 | 0 |
| xxxx | 156 | 0 |
| xxxx | 153 | 0 |
| xxxx | 156 | 0 |
| xxxx | 154 | 0 |
| xxxx | 156 | 0 |
| xxxx | 155 | 0 |
| xxxx | 156 | 0 |
| xxxx | 153 | 0 |
| xxxx | 52 | 0 |
| xxxx | 52 | 0 |
| xxxx | 52 | 0 |
| xxxx | 53 | 0 |
| xxxx | 53 | 0 |
| xxxx | 53 | 0 |

Sheet1

| | | |
|------|-----|---|
| xxxx | 53 | 0 |
| xxxx | 54 | 0 |
| xxxx | 52 | 0 |
| xxxx | 54 | 0 |
| xxxx | 52 | 0 |
| xxxx | 54 | 0 |
| xxxx | 54 | 0 |
| xxxx | 54 | 0 |
| xxxx | 52 | 0 |
| xxxx | 53 | 0 |
| xxxx | 52 | 0 |
| xxxx | 52 | 0 |
| xxxx | 100 | 0 |
| xxxx | 101 | 0 |
| xxxx | 101 | 0 |
| xxxx | 102 | 0 |
| xxxx | 101 | 0 |
| xxxx | 101 | 0 |
| xxxx | 102 | 0 |
| xxxx | 102 | 1 |
| xxxx | 102 | 1 |
| xxxx | 101 | 0 |
| xxxx | 103 | 0 |
| xxxx | 103 | 0 |
| xxxx | 103 | 0 |
| xxxx | 100 | 0 |
| xxxx | 101 | 0 |
| xxxx | 102 | 0 |
| xxxx | 102 | 0 |
| xxxx | 102 | 1 |