

This is CS50.

# 73%



CS50 students with **no** prior cs experience

# binary

0, 1

# ASCII

A	B	C	D	E	F	G	H	I	J	K	L	M
65	66	67	68	69	70	71	72	73	74	75	76	77
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
78	79	80	81	82	83	84	85	86	87	88	89	90

# 73%



CS50 students with **no** prior cs experience

# Introduction to Computer Science

# Introduction to Computer Science I

**SAT/UNS**

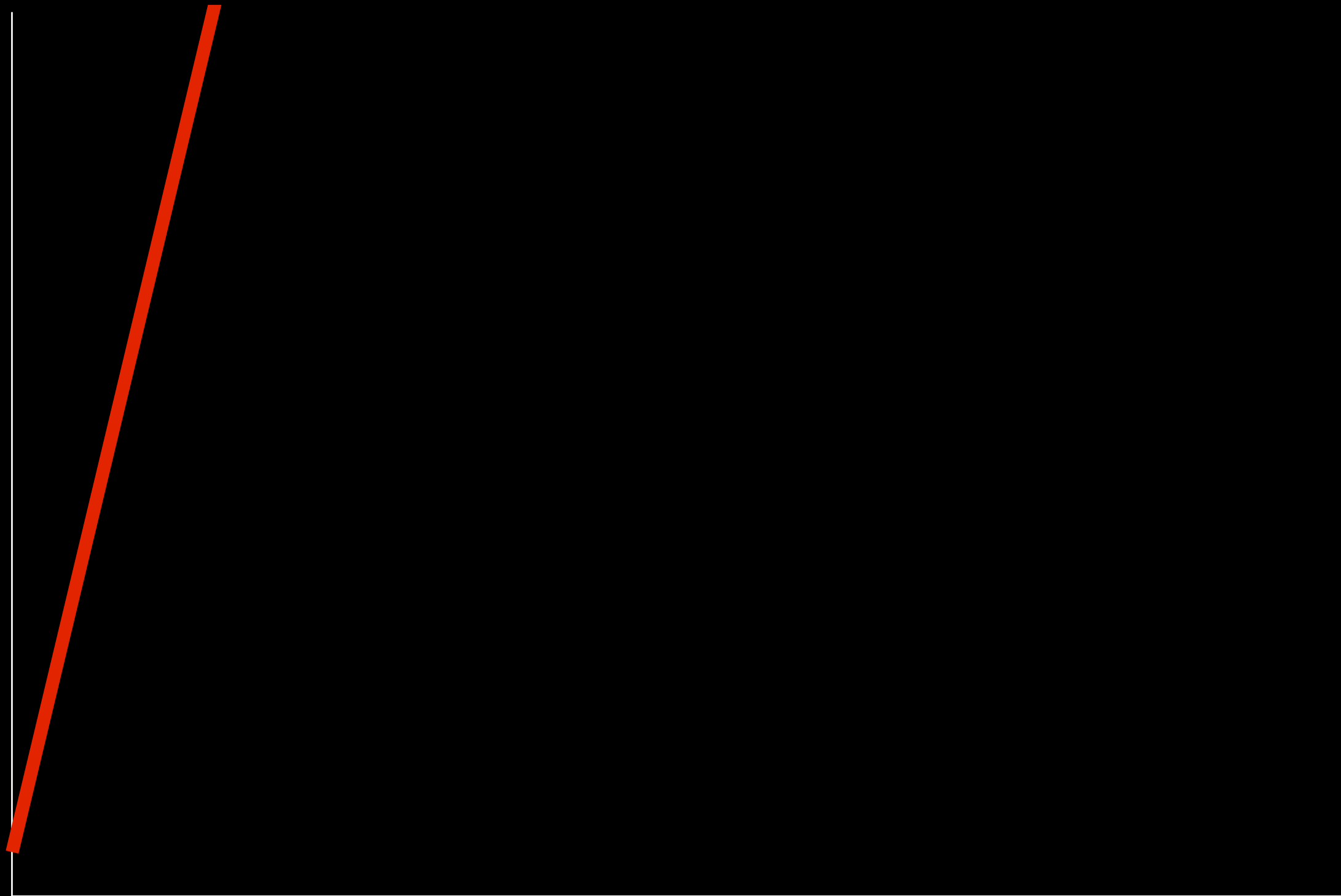


This is CS50.

introduction to the intellectual  
enterprises of computer science  
and the art of programming

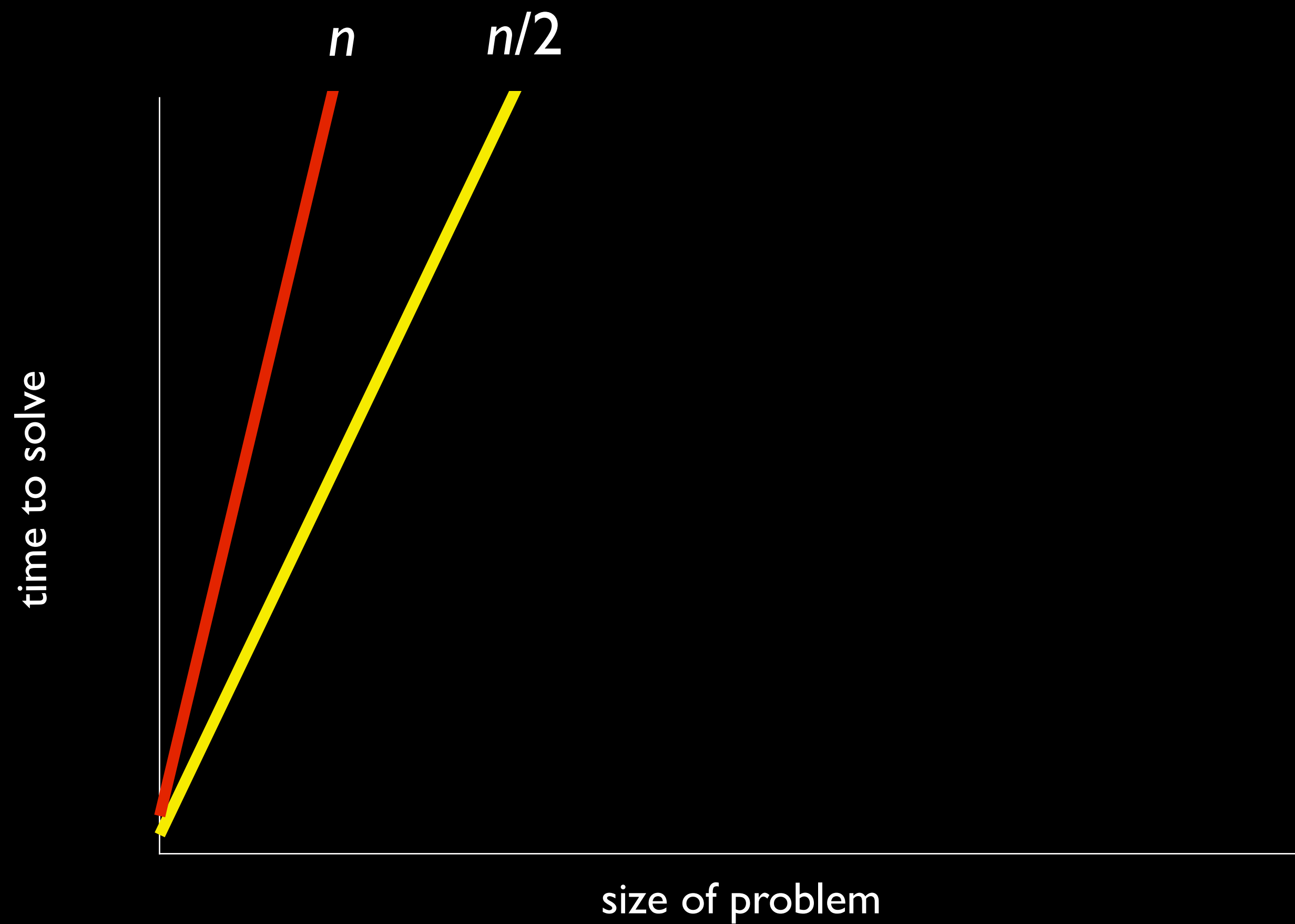
algorithms

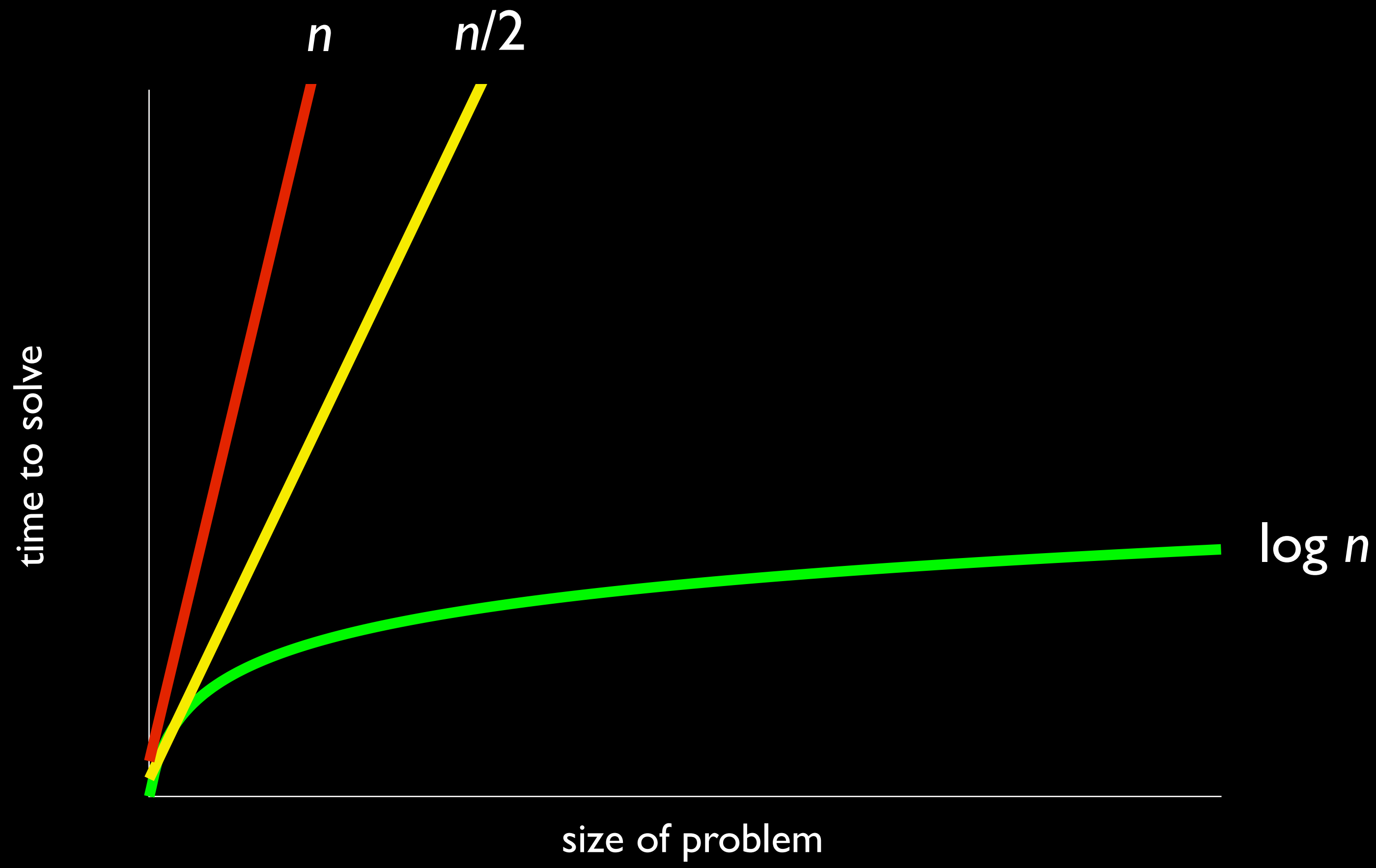
time to solve



$n$

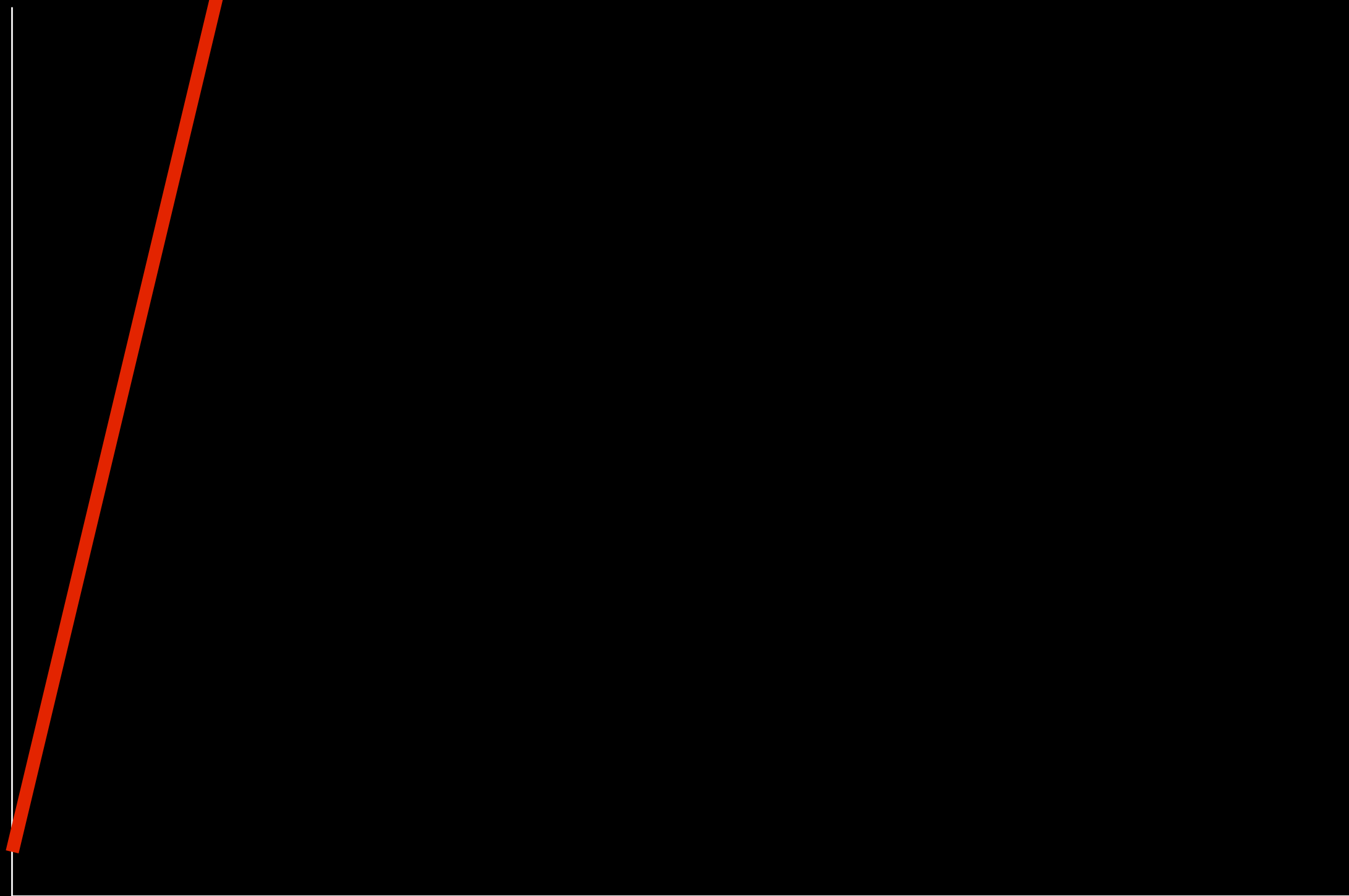
size of problem





pseudocode

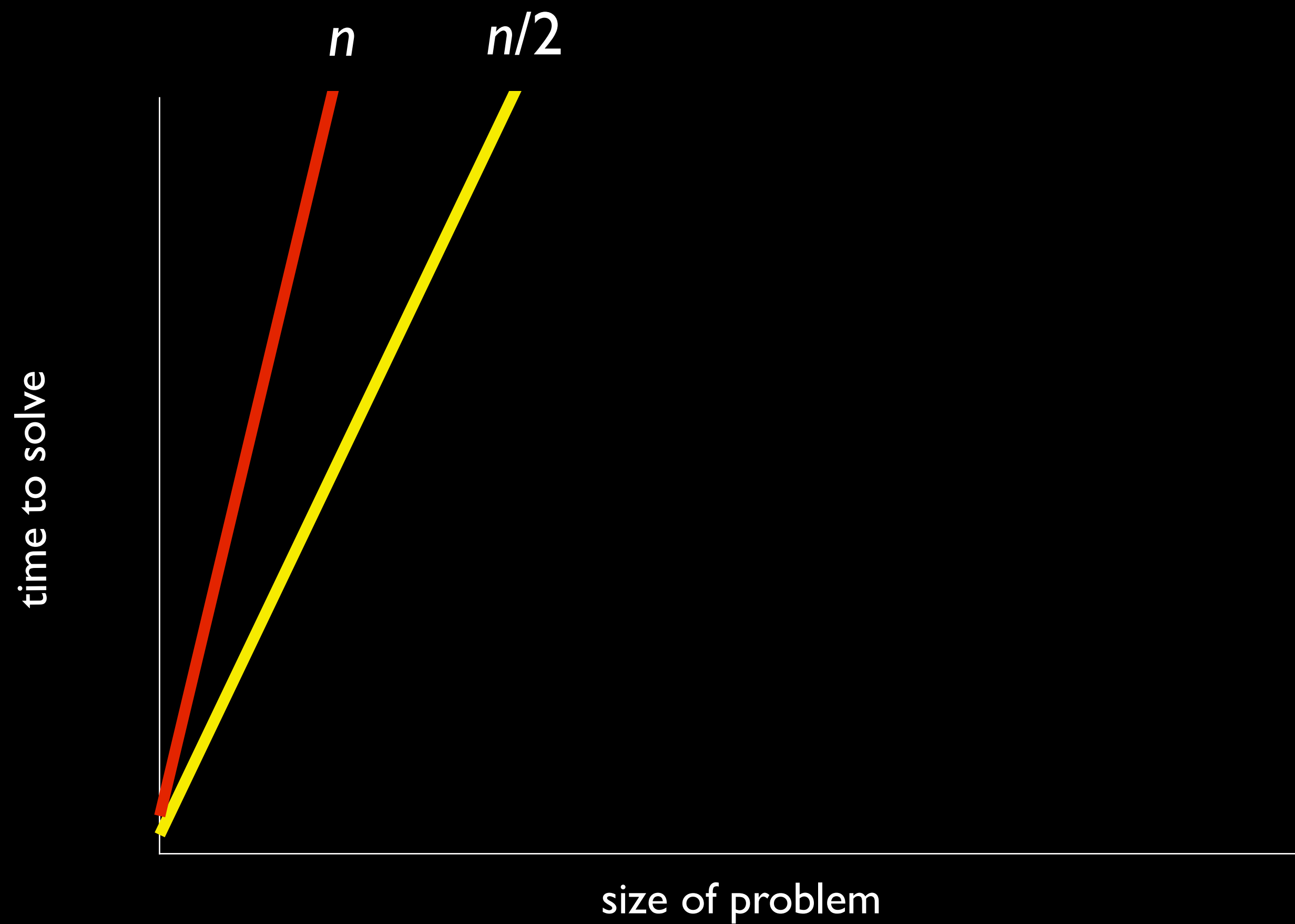
time to solve

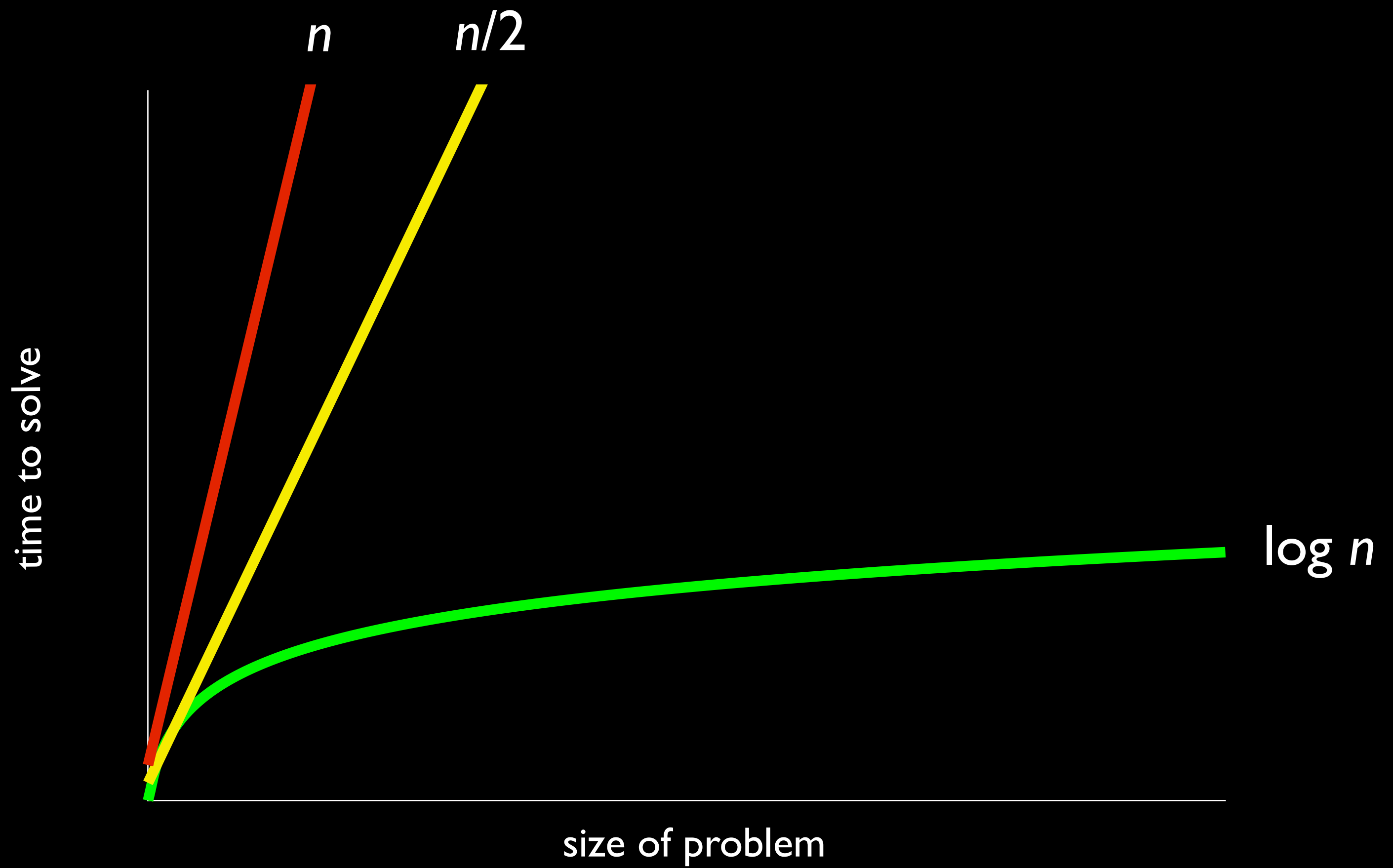


$n$

size of problem



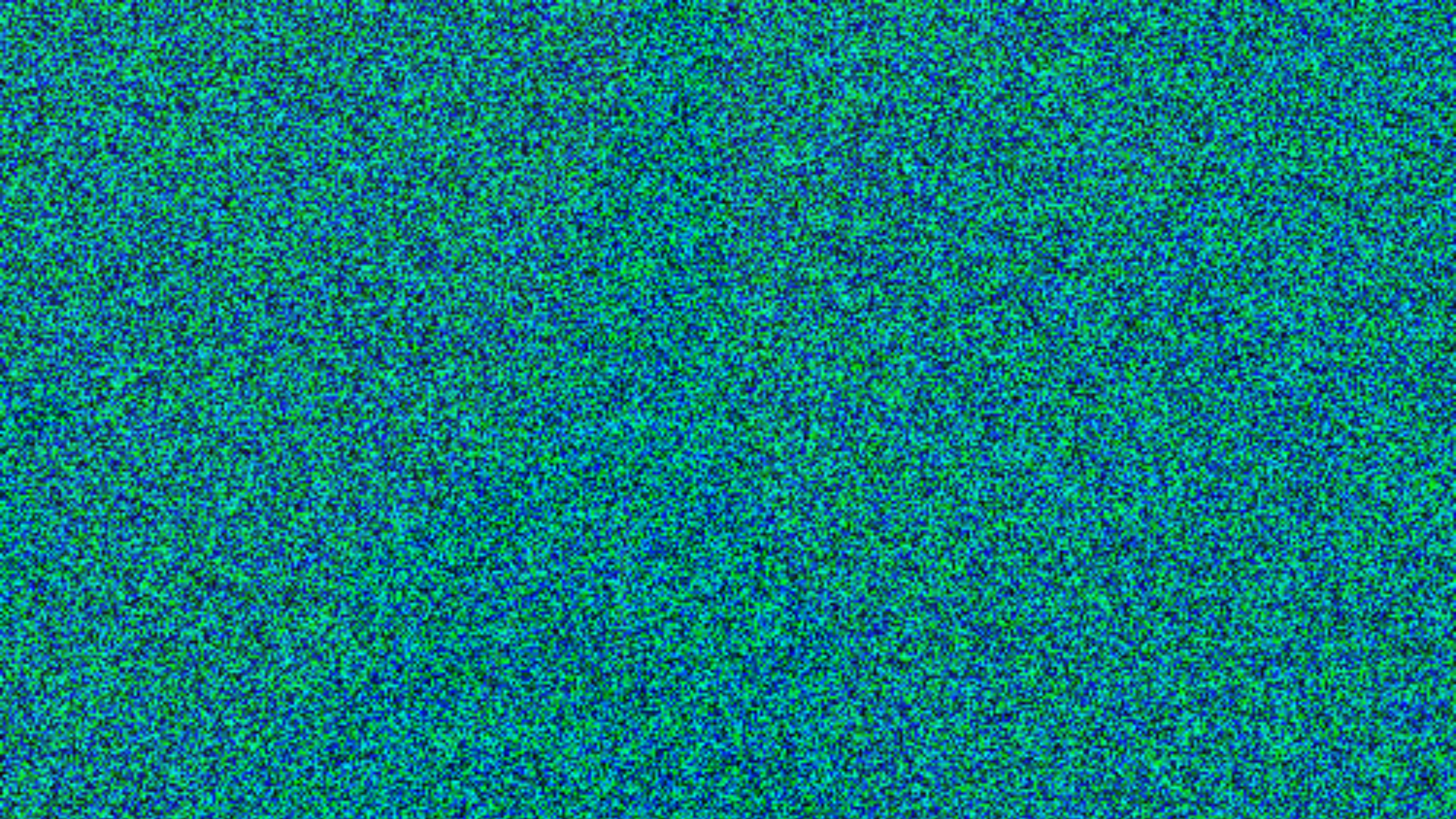




# pseudocode

1. stand up and assign yourself the number 1
2. pair off with someone standing, add your numbers together, and adopt the sum as your new number
3. one of you should sit down; the other should go back to step 2







# courses.cs50.net

CS50 Courses

Login

RANDOM SUGGESTIONS

HBTM 349  
Network Medicine in Vascular Disease

GENETIC 385  
Cell Cycle Proteins in Development and Cancer

WOMGEN 1249  
Gender in African History

ENG-SCI 303  
Topics in Electronic Materials and Semiconductor Heterostructure Physics

SCOTGAELIC 130  
Introduction to Scottish Gaelic

Term - Year - Search Courses

All Faculty - All Fields of Study

Course Level -

General Education Requirements -

doesn't conflict with

☐ Time Constraints

List Calendar

Number	Title	n	Instructors	Meeting Time
AESTH&INTP 11	Poetry Without Borders	14	Sandler	Fall '14 Tu, Th, at 11, and a weekly section to be arranged.
AESTH&INTP 12	Poetry in America	33	New	Spring '14 M, W, 1-230, and a weekly section to be arranged.
AESTH&INTP 13	Cultural Agents	199	Sommer, Erspamer	Fall '13 M, 3-5, and a weekly section to be arranged.
AESTH&INTP 14	Putting Modernism Together	40	Albright	Fall '13 M, W, at 12, and a weekly section to be arranged.
AESTH&INTP 15	Elements of Rhetoric	48	Engell	Spring '14 Tu, Th, at 10, and a weekly section to be arranged.
AESTH&INTP 16	Openings: The Illuminated Manuscript	17	Hamburger	Fall '14 M, W, at 11, and a weekly section to be arranged.
AESTH&INTP 17	Soundscapes: Exploring Music in a Changing World			Not offered.

1 - 50 of 6165 courses Previous Next

wrldly

Sierra, Daniel, Sam

# market.cs50.net

CS50 Market

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+ Sell New Items

RANDOM SUGGESTIONS

HISTORY OF SCIENCE ...

\$10.00

Fat Politics, the End of Overeating, Fat History, and

GLOBAL HEALTH 101 T...

\$30.00

Used in SLS 19

<http://www.amazon.com/Globa>

SMALL WOMEN'S WIN...

\$40.00

Come from warmer climes?

Small black heavy winter coat -

SHOE RACK FROM TA...

\$18.00

Selling an over-the-door shoe rack. Has 36 slots, fits 18 pairs

ARABIC A TEXTBOOK ~...

\$50.00

Arabic A textbook - Ahlan Wa Sahlan 2nd Edition - Good

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Built and Designed by Ben S. and Joseph O.

Search for items...

All Sellers

All Items

All Locations


☐ price ≤

☐ price ≥

☐ Available for pickup at HS

☐ Available for delivery

☐ On display at HSA


 Soc155 Coursebook

Coursebook for Sociology 155: Class and Culture

Allison B. Adams

Tuesday, September 3,

\$60.00


 Molecular Biology ...

Textbook for MCB52; Sixth Edition

Allison B. Adams

Tuesday, September 3,

\$45.00


 Human Physiology...

11th Edition Textbook for ES53

Allison B. Adams

Tuesday, September 3,

\$30.00

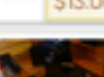
 iHome Color Chan...

<http://www.amazon.com/iHor> iHM61-Changing-Portable-

William Eliot

Monday, September 2,

\$13.00

 Chair

The chair is in good condition, with some minor

Jonathan Cabot

Monday, September 2,

\$20.00

Previous

Next

11 - 20 of 20

Chair

\$20.00

Jonathan M. Cabot


Sep 02, 2013

The chair is in good condition, with some minor tears.

You can purchase this from the seller in person.

Seller can deliver this item to you.

Make an Offer



Close Panel

Tip: You can hit 'Enter' or 'Space' to open and close this window.



# HARVARD STUDENT AGENCIES

A Student-Run Corporation



# CS50 2x

[cs50.net/2x](https://cs50.net/2x)

# lectures

1pm - 2pm, sometimes 2:30pm

# simultaneous enrollment

[cs50.net/petition](https://cs50.net/petition)

# sections

less comfortable, more comfortable, somewhere in between

# problem sets

2 editions, late days, lowest dropped

- Scratch
- C
- Crypto
- Scramble
- Forensics
- Misspellings
- Huff'n Puff
- C\$50 Finance

# office hours

MTWTh, 8pm - 11pm, dhalls, new format

walkthroughs



post-mortems

tutoring

# CS50 Hackathon

8:00pm - 7:00am















CS50 Fair













O T T F F ? S E N T

P ? M D A S

D ? M F S L T D

R O Y G B ? V

M V ? M J S U N

J F M A M J J A ? O N D



[cs50.net/rsvp](http://cs50.net/rsvp)

**CS50**

SATURDAY, SEPTEMBER 7  
HARVARD INNOVATION LAB

PRESENTED BY

facebook

PUZZLE DAY  
2013

facebook

# 73%



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what ultimately matters in this course is not so much  
where you end up relative to your classmates but where  
you, in Week 12, end up relative to yourself in Week 0

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