

Don't get too comfortable

You're going to move to new seats several times today



Sort yourselves by height

Stage is west, back of room is east; using by-wall stairs, not central ones

Shortest at top of north stairs, getting taller going down north stairs

Median height crosses in front of stage

Getting taller going up south stairs, tallest at top of south stairs



Sort yourselves by height

Stage is west, back of room is east; using by-wall stairs, not central ones

Shortest at top of north stairs, getting taller going down north stairs

Median height crosses in front of stage

Getting taller going up south stairs, tallest at top of south stairs

Group with two people next to you (groups of **3**; 2 or 4 if not multiple of 3)

Find a place to sit with your group

Introduce yourselves: name, major, home town, something you do for fun

Four people need to cross a long, rickety bridge on a dark night. The bridge is too weak to support more than two people at a time and too uneven to safely cross without light. Their only source of light is a single flashlight that shines only a few feet.

The people vary significantly in speed. Person A can cross the bridge in 1 minute, person B in 2, person C in 5, and person D in 10 minutes.

How quickly can all four safely cross the bridge?

A family of ousted royalty are kept prisoner at the top of a high tower. Their only communication with the ground is a cord passing over a pulley with a basket at each end. When one basket rests on the ground the other is opposite the window. Naturally, whichever basket is more heavily loaded than the other descends; if the weight difference exceeds 15 pounds, the descent is too dangerous to make without injury.

In the tower are the three family members: the parent weighs 195 lb, the children 105 lb and 90 lb; there is also a cannonball weighing 75lb. How can the three escape safely?

Sort yourselves by birthday (month + day, not year)

No Talking!

This is a *silent* activity

Loop: stage is west, back of room is east

Winter by stage

Spring ascends south stairs

Summer in back

Fall descends north stairs

Sort yourselves by birth day (month + day, not year)

Loop: stage is west, back of room is east

Winter by stage

Spring ascends south stairs

Summer in back

Fall descends north stairs

Check your work (talking allowed)



Sort yourselves by birth day (month + day, not year)

Loop: stage is west, back of room is east

Winter by stage

Spring ascends south stairs

Summer in back

Fall descends north stairs

Check your work (talking allowed)

Group with two people next to you (groups of **3**; 2 or 4 if not multiple of 3)

Find a place to sit with your group

Introduce yourselves: name, major, home town, something you do for fun

Q1. The first question with B as the correct answer is:

- A. Q1
- B. Q4
- C. Q3
- D. Q2

Q2. The answer to Q4 is:

- A. D
- B. A
- C. B
- D. C

Q3. The answer to Q1 is:

- A. D
- B. C
- C. B
- D. A

Q4. The number of questions which have D as the correct answer is:

- A. 3
- B. 2
- C. 1
- D. 0

Q5. The number of questions which have B as the correct answer is:

- A. 0
- B. 2
- C. 3
- D. 1

Six beings need to cross a river, but they only have access to one boat.

Three of the beings are explorer-eating monsters; the other three are explorers.

The boat can only hold two beings at a time.

The boat can only be propelled if it is occupied by at least one being.

The monsters will eat explorers if they outnumber them, but are too scared to try anything if they don't outnumber them.

Monsters are perfectly willing to snatch explorers out of the boat on their side of the river if they outnumber the explorers.

School \neq Work

School

- Individual knowledge is key
- Focus on programming, basic skills
- Clear specifications make courses run smoothly
- Teachers only ask questions if they already know the answer

Work

- Teamwork is key
- Focus on design, integrative skills
- Clients don't know what they want
- Employers don't ask questions if they already know the answer