

The Pre-Dental Society at the University of Wisconsin - Madison

Welcome to GMM3



Active Membership Recap:

- 7 points total
 - 1 Social Point
 - 1 Fundraising Point
 - 1 Volunteer Point
 - 1 General Member Meeting Point
 - 3 Additional Points
 - Can be repeats from any of the categories listed above or from the mentorship program, professional development events, and or the social media category.
- Pay \$25 Membership Fee
 - Venmo @Cole_bell914 with “PDS Dues” in caption

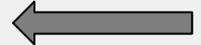


Volunteer Events

Affordable Dental Care~ "Smileathon" Marathon (November)



- In conjunction with the Madison Marathon in November to raise money for the non-profit clinic.
 - **Friday Nov. 11 - Sunday Nov.13**
- **NEW Google sheet sign up** will be in the recap email
 - Friday 8 volunteers
 - Saturday 12 volunteers
 - Sunday 18 volunteers
 - You can sign up for multiple shifts!



NEW Google sheet sign up for Smileathon

Let Grace and Maia know if you have any recommendations for group volunteering opportunities in PDS!

Volunteer Events



- **Swim Club UW (Cole)**

- **Friday (Nov 11th) & Saturday (Nov 12th)**

- [Sign up sheet](#) will be in the recap email

- **Dance Marathon**

- PDS Team to fundraise for Children's Wisconsin Hospital in Milwaukee

- Register-\$20- earn a volunteer point

- Scan QR Code to register

- Click "Join Team"

- Sign up as "Participant"

- Join "Pre-Dental Society" Team

- Earn volunteer point for donating to PDS team

- Scan QR Code and click "Support Us"

- Dates: Various fundraising events throughout semester

- Culminating Event: March 25, 2023

- **Looking forward:**

- Salvation Army bell ringing

- Challah for Hunger



If you have a long-term volunteering position, email Grace [and](#) Maia about your involvement, and it can count for your 1 required volunteering point this semester!

Fundraising Events

T-shirts: Available at the SAC (or at this meeting!)

- This year's shirts are available: 9 smalls, 14 mediums, and 1 extra large
- \$20 per shirt

Instagram/Facebook Fundraiser (End of semester close to holidays, Date TBD)

Nitty Gritty Cup Night Fundraiser this month or towards end of semester (Date TBD)

- Usually 9pm-12am
- Groups of 2-3 work 30 minute shifts
- Selling red solo cups at the door for \$5, customers that buy one get deals for the entire night



Networking Updates



Mentor/Mentee Program Check In

- Please email BOTH yuen5@wisc.edu and knicker@wisc.edu once you have met with your mentor/mentee to earn **1 point!**

Shadowing Opportunities!



Social Events

Madison Capitols Dollar Beer Night:

- November 18th!!! (NEXT FRIDAY)
- Tickets are \$13 - First come first serve
- CHECK YOUR EMAILS!
 - Ticket link
 - Bus pickup time and location

7:05PM - FRIDAY, NOV 18, 2022

GREEN BAY GAMBLERS AT MADISON CAPITOLS

Green Bay Gamblers vs Madison Capitols
Regular Season Home Game #7

All sales final. No refunds or exchanges.

Pre Dental Society

Pre Dental Society
Click to view your seats
Click to view the seat map.

Option 2: Let Us Seat You

Quantity	Type	Price
0	Pre Dental Society	\$13.00

FIND TICKETS

Advanced Game Tickets

Seating Arrangement

BOB SUTER'S CAPITOL ICE ARENA
MADISON WI

Seating charts reflect the general layout for the venue at this time. For some events, the layout and specific seat locations may vary without notice.

Bob Suter's Capitol Ice Arena

FRI, NOVEMBER 18
MUSTACHE & MULLET

Chicago Midwinter Meeting

- Held in downtown Chicago each February
- Opportunity to network with dentists and dental students from all over the Midwest, attend dental-related seminars, and go to the exhibition fairs (aka LOTS of free stuff!)
- Over 120 speakers and over 600 exhibiting companies. With 30,000+ dental students and professionals attending the meeting each year, this conference is among the top 50 largest medical meetings in the country
- Resume builder
- Limited Number of Spots
 - Application will be set out in an email



CHICAGO DENTAL SOCIETY

- **February 24th and 25th 2022**
- Pay \$40 dollars (this is an estimate)
 - Time to explore downtown Chicago
 - Members go out to dinner together
 - Stay overnight in a hotel!

Get Your Calendars Out!!!

- ★ **November 11th-13th** “Smileathon” Marathon Volunteer Opportunity
 - Sign up through link in slides/ email
- ★ **November 18th** Dollar Beer Night Capitols Game
- ★ **Chicago Midwinter Meeting (Feb 24th - 25th)**
 - Information coming soon



What is the DAT?

- The Dental Admissions Test
 - All students are required to take the DAT in order to be accepted into Dental School
 - Scored from 1-30, reflecting your percentile rank in comparison to other students who have taken the test
 - Can only take the DAT a maximum of three times
 - 90 days in between

The logo for the Dental Admission Test (DAT) is displayed on a white background. It features the letters "DAT" in a large, bold, dark blue font. Below "DAT", the words "DENTAL ADMISSION TEST" are written in a smaller, dark blue, all-caps font.

Where do you take the DAT?

Prometric Testing Centers

- One large room with ~25 desks in cubicles
- Others are taking various types of tests around you
- White boards with non-erasable pens are provided... you must raise your hand to receive more scratch paper
- Noise cancelling headphones are provided but you can bring your own earplugs
- You are given a locker (with key) to store your food, phone and other personal belongings in
- You get fingerprinted initially and then metal detected upon each point of entry into the testing room



When should you take the DAT?

- After completion of prerequisite courses
 - General chemistry, General biology, Organic chemistry (don't NEED lab)
 - Courses like microbiology, Anatomy & Physiology, and biochemistry are helpful but not necessary

****If considering taking a gap year... delay accordingly****

1. **Sophomore Summer**

- a. Sign up for test date in May (~3 or 4 months before)
- b. Buy subscription for study materials when you want to begin studying (typically ~3 months before test date... most subscriptions last 3 months)

2. **Junior Fall**

- a. Sign up for test date in October (~3 or 4 months before)
 - i. Recommended to take the test at the end of **Winter Break**
- b. Buy materials (same as above)

- You have to wait **90 days** between test dates if you want to retake it

How can you sign up for the DAT?

1. Create a Dentpin
 - a. Social Security number of the dental world
 - b. DO NOT share your Dentpin with anyone (if you send a picture of your score etc.)
 - c. Write it down somewhere because you'll need it again
 - d. https://dts.ada.org/CustomServices_ADA/NewUser.aspx?transaction=DAT
2. Use your Dentpin to pay for you DAT
 - a. Login here... <https://www.ada.org/education/manage-your-dentpin>
 - b. Select “Applications”, then select “DAT”
 - c. Follow the steps to get your login information (eligibility letter will be sent within a few days)
3. Sign up for a test date through Prometric
 - a. Sign up at least three months before the date you want to take it
 - b. Login with second information here...
<https://securereg3.prometric.com/Welcome.aspx?msg=EMExpSes>
 - c. Choose “American Dental Association”

What sections are on the DAT?

- **Natural Sciences (90 minutes)-- 100**

Questions

- Biology (40 Questions)
- General Chemistry (30 Questions)
- Organic Chemistry (30 Questions)

- **Perceptual Ability (60 minutes)**

- (90 Questions)

- Break (30 minutes)

- **Reading Comprehension**

- (60 minutes)

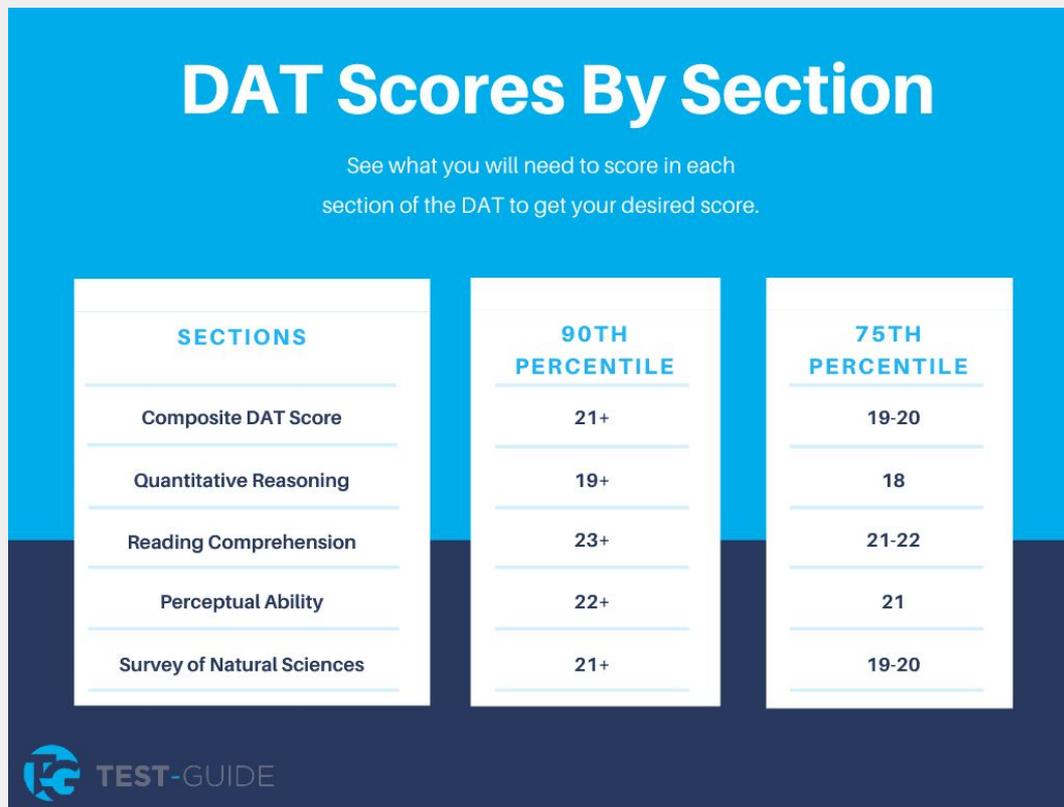
- **Quantitative Reasoning**

- (45 minutes)

DAT Administration Schedule	
Optional Tutorial	15 minutes
Survey of Natural Sciences	90 minutes
Perceptual Ability Test	60 minutes
Scheduled Break (optional)	30 minutes
Reading Comprehension Test	60 minutes
Quantitative Reasoning Test	45 minutes
Optional Post Test Survey	15 minutes
Total Time	5 hours

How is the DAT scored?

- Each section is scored 1-30
- You are graded based on three scores:
 - Total Science (chemistry, biology, organic chemistry)
 - Perceptual Ability (PAT)
 - Academic Average (quantitative reasoning, reading comprehension, total science... **not** PAT)
- An academic average score of 20-21 will put you in the ~75th percentile



What Does Your Score Mean?

18-19: 50th Percentile

20-21: 75th Percentile

22-23: 98th Percentile

GPA + DAT score + Interview = Dental School Admissions*

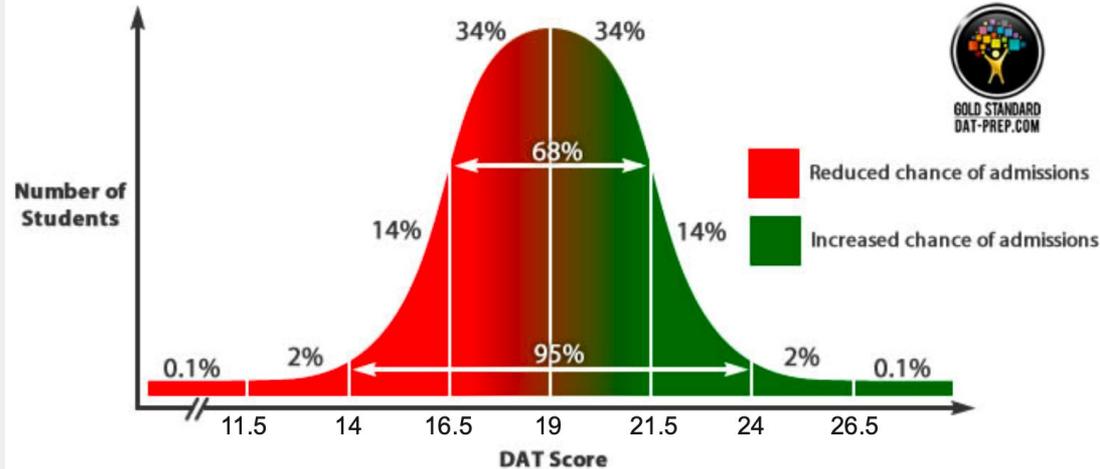


Figure 1: Typical Overall DAT Score Distribution (Approx.); No. of Test Administrations Annually = 13 000 (Approx.)

While Dental School Admission

Committees base acceptance on many factors, the average DAT scores of accepted students is between a 20 and a 21

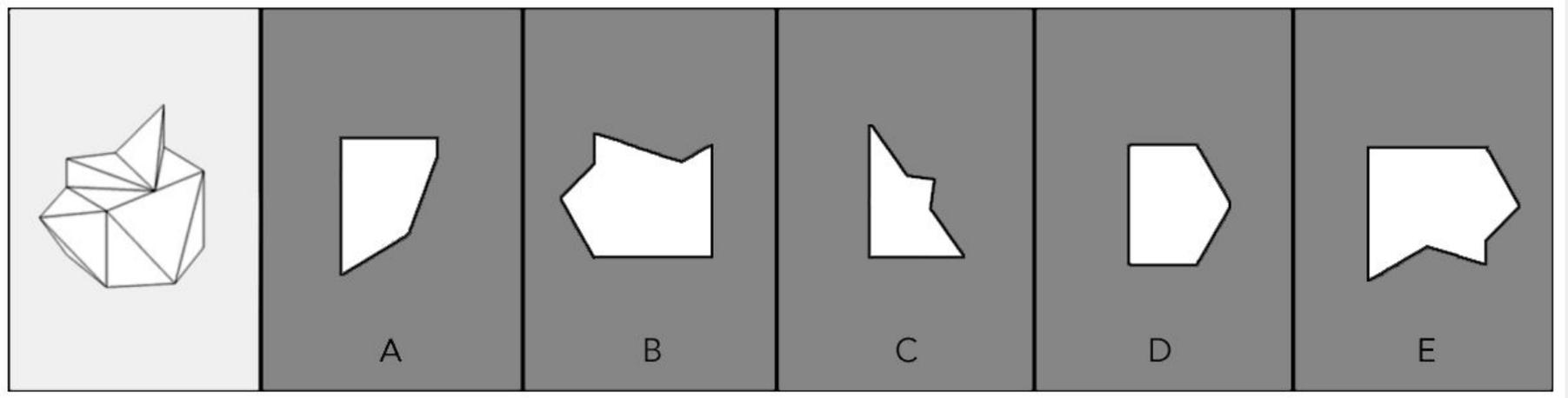
What is the PAT?

- Perceptual Ability Test
 - Tests your spatial visualization skills
 - Ability to interpret 2D representations of 3D objects
 - Very useful to you as a dentist, since you will have to construct mental images of teeth from X-rays, deal with casts and fillings, and otherwise work with 2D and 3D objects
 - 90 questions in 60 minutes
 - 6 categories, 15 questions per category

You can make an account on DAT bootcamp and they have a ****free**** PAT section generator that you can use to practice before you really start studying!
[Make an account here!!](#)

Keyholes

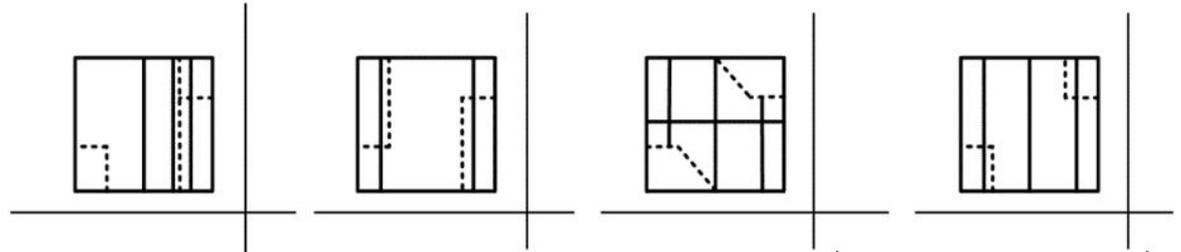
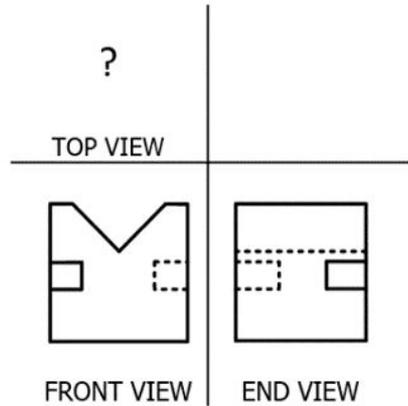
Determine the hole that a given object is able to fit through



Top-Front-End

Determine a third view of an object when you are given two other views of the same object

Choose the correct TOP VIEW.



A

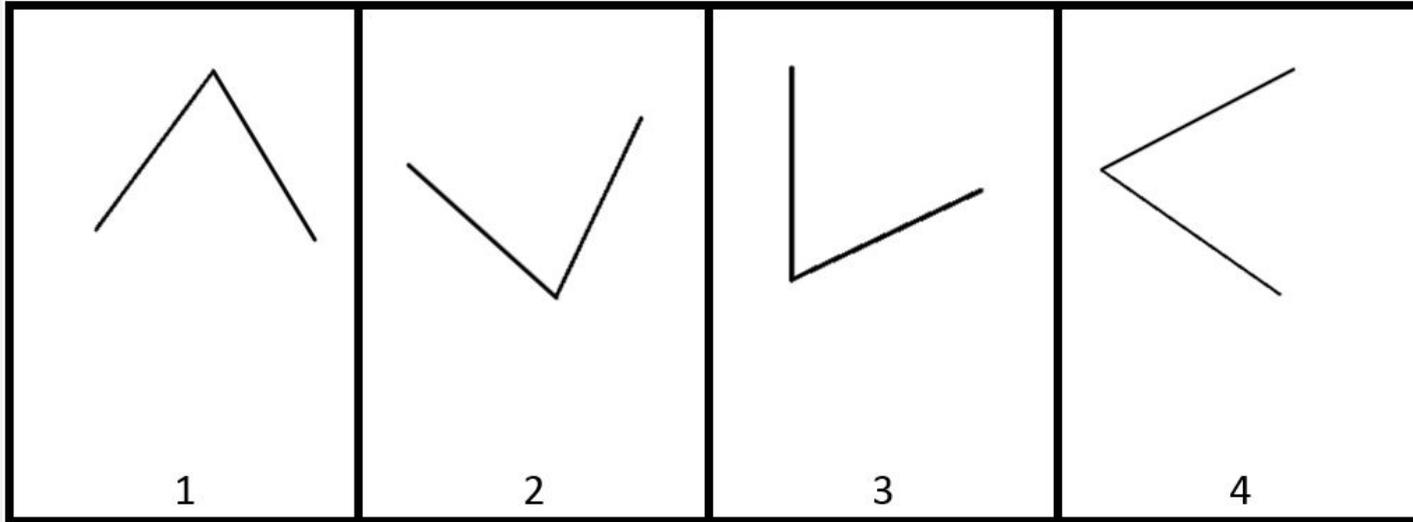
B

C

D

Angle Ranking

Determine the order of the given angles from smallest to largest.



A. $3 < 2 < 1 < 4$

B. $1 < 3 < 4 < 2$

C. $1 < 3 < 2 < 4$

D. $3 < 1 < 4 < 2$

Hole Punching

Determine the final hole punching pattern that appears after a few initial hole punches and some unfolding

The diagram illustrates a sequence of hole punches in a square. The top row shows four stages of the process:

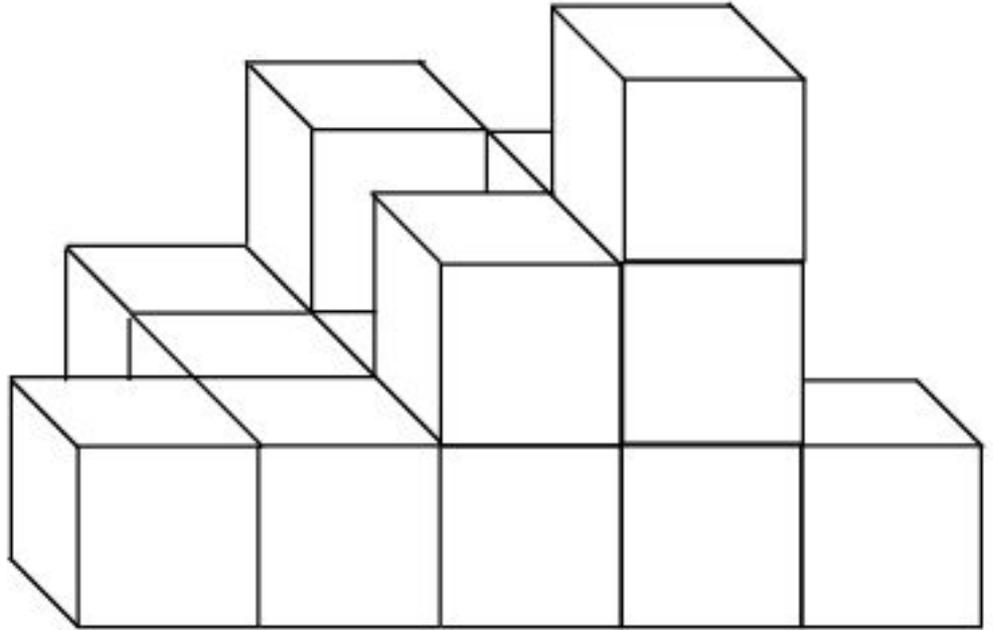
- 1. A square with a dashed outline and a solid diagonal line from the top-left corner to the bottom-right corner.
- 2. A square with a dashed outline and a solid triangular hole with its base at the bottom and its apex at the top.
- 3. A square with a dashed outline and a solid triangular hole with its base at the bottom and its apex at the top, but with a small notch on the left side of the triangle's hypotenuse.
- 4. A square with a dashed outline and a solid triangular hole with its base at the bottom and its apex at the top, with a larger, more complex notch on the left side of the triangle's hypotenuse.

Below these stages are five 4x4 grids, labeled A through E, each containing 16 circles. The circles are arranged in a 4x4 grid, and some are shaded gray, representing the hole punching pattern. The patterns are as follows:

Grid	Row 1	Row 2	Row 3	Row 4
A	○ ○ ● ○	○ ● ○ ●	● ○ ● ○	○ ● ○ ○
B	○ ○ ● ●	○ ● ● ○	● ● ○ ○	○ ○ ○ ○
C	○ ○ ○ ○	● ● ● ○	○ ● ○ ●	○ ○ ● ○
D	○ ● ○ ○	● ○ ● ○	○ ● ○ ●	○ ○ ● ○
E	○ ○ ● ●	○ ● ● ●	● ○ ● ○	○ ○ ○ ○

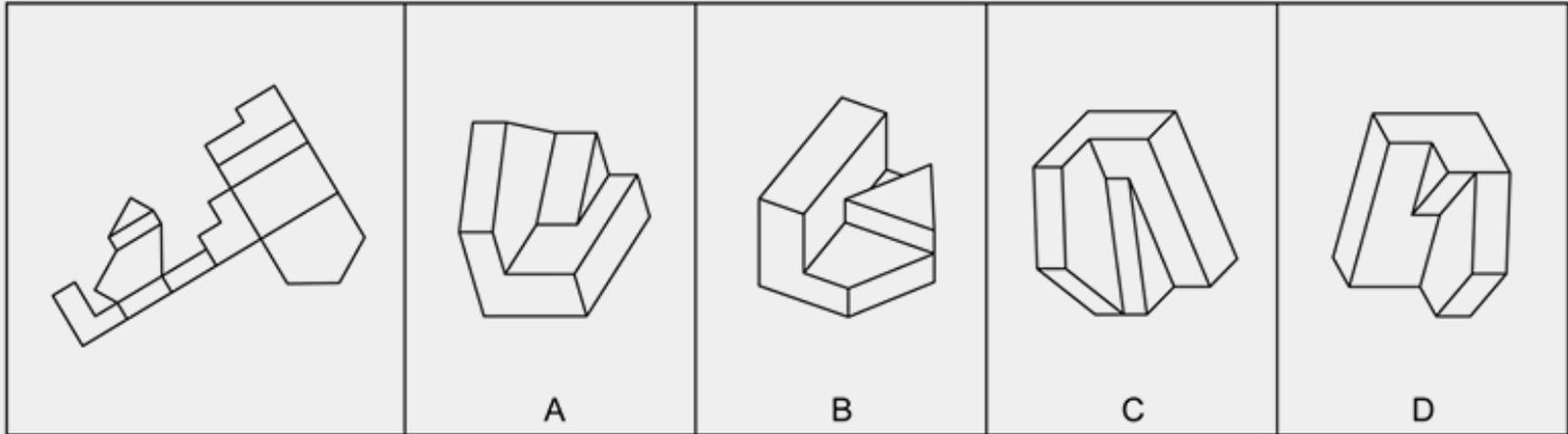
Cube Counting

Determine how many
cubes have a given
number of sides showing
(0-5)



Pattern Folding

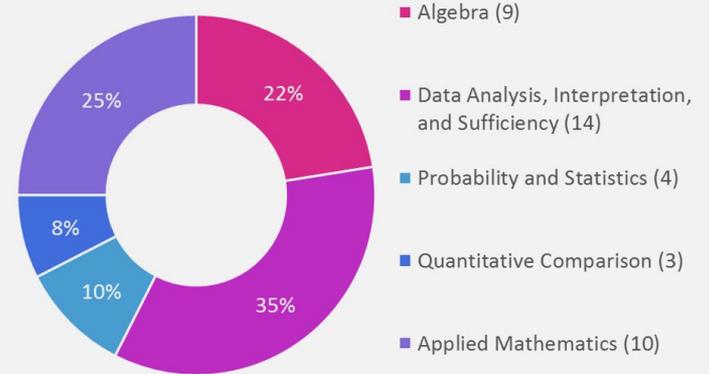
Determine what 3D shape a given 2D shape folds into



What is Quantitative Reasoning?

- 40 questions in 45 minutes
 - Need to move quickly
- All math you have seen before
 - Simple statistics, algebra, geometry... **NO calculus**
 - High school level math questions roughly
 - A few questions wrong can affect your score

Quantitative Reasoning Content



George walked at an average speed of 9 feet per minute, his friend walked at an average speed of 18 feet per minute. If they walked 20 minutes to meet each other, how far in meters was it from George to his friend?

- A. 240 m
- B. 264 m
- C. 164 m
- D. 74 m
- E. 124 m

What is Reading Comprehension?

- 50 questions in 60 minutes
 - 3 different passages with varying number of questions each
- Extremely similar in format to the ACT/SAT reading section
- 7 Types of Questions
 - Global: ask for main idea, conclusion, or thesis
 - Detail: ask about statements that can be found in the passage
 - Detail EXCEPT: reverse question structure and ask to find false answer
 - Tone: ask about author's bias, which is rarely stated
 - Function: require evaluation of organization or argument
 - Inference: use information in passage to draw conclusions
 - Strengthen/Weaken: ask you to find the statement that strengthens/weakens argument

What is Survey of the Natural Sciences?

- 100 questions in 90 minutes
 - Combines Biology, Chemistry, and Organic Chemistry
 - Questions are ordered based on the subject
 - 1-40: Biology
 - 41-70: General Chemistry
 - 71-100: Organic Chemistry

Cystic fibrosis is a recessive disease in humans. Based on the principles of classical Mendelian genetics, what is the probability that a child will be born with the disease if one parent is a carrier of the trait and the other parent is homozygous dominant?

- 0%
- 25%
- 50%
- 75%
- 100%

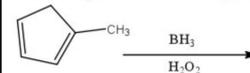
Calculate the equilibrium constant at for the following system:



The system initially contains $1.0 \times 10^{-3} \text{ M H}_2$ and $2.0 \times 10^{-3} \text{ M of I}_2$. At $448 \text{ }^\circ\text{C}$, the system reaches equilibrium. The concentration of HI at equilibrium is $1.90 \times 10^{-3} \text{ M}$.

- $(1.9 \times 10^{-3}) / (5.0 \times 10^{-5})(1.05 \times 10^{-3})$
- $(5.0 \times 10^{-5}) / (1.05 \times 10^{-3})(1.9 \times 10^{-3})$
- $(1.9 \times 10^{-3})^2 / (5.0 \times 10^{-5})(1.05 \times 10^{-3})$
- $(1.9 \times 10^{-3})^2 / (1.0 \times 10^{-3})(2.0 \times 10^{-3})$
- $(1.0 \times 10^{-3})(2.0 \times 10^{-3}) / (1.9 \times 10^{-3})$

What is the product of the following reaction?



-
-
-
-
-

How much does the DAT cost?

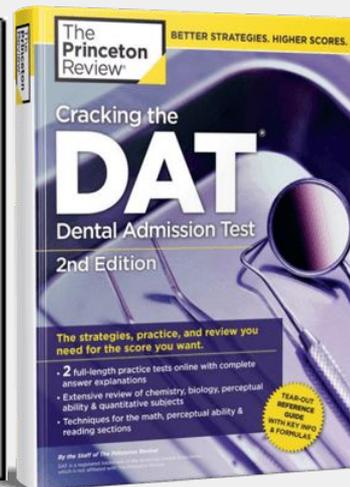
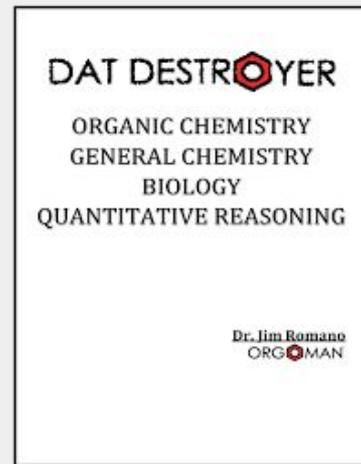
- It is a \$495 non-refundable fee
 - If you want to reschedule, it is \$25 if you do it a month or more before and \$60 if you do it within a month before
- When signing up, you are given the option to send your score to all of the schools you apply to for an additional \$80
 - Recommended – it will save you time and money down the road
- Some test prep courses give you a coupon for a discount off of the price of the DAT

How can I study for the DAT?

- DAT Bootcamp
 - Join the DAT Bootcamp Facebook Group
 - Purchase DAT Bootcamp program (\$497)
 - Follow Ari's Schedule
 - Gives a day-to-day guideline on what to do to stay on track
 - Breaks built in
- DAT Booster
 - Similar to DAT Bootcamp
- DAT Destroyer
- Princeton Review and Kaplan DAT Preparation Courses
 - An alternative to self-paced options
- Notes from previous classes
- FREE Resources from the SAC

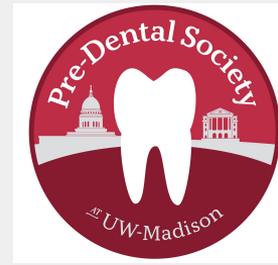
DAT Bootcamp

 **DATBooster**
Booster Prep Inc.



Letters of Recommendation

- 3 Are Required, a 4th is Optional
 - 2 from science professors (can NOT be a TA or a research lab professor)
 - 1 from employer or supervisor
 - Recommended that you get one from a dental professional
- Start this process early
 - Second semester sophomore year through junior year
 - TA letters are accepted at SOME schools
- Interfolio
 - If you get letters before second semester junior year, you can confidentially store them on [Interfolio](#)
 - Sends them to AADSAS application for you when you apply



Do you have any questions?