Write the correct answer.

U.S. Public High School Graduation Rates, Top 5 States

<table>
<thead>
<tr>
<th>State</th>
<th>Number of Students</th>
<th>Percent that Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iowa</td>
<td>497,301</td>
<td>83.2%</td>
</tr>
<tr>
<td>Minnesota</td>
<td>854,034</td>
<td>84.7%</td>
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<td>Nebraska</td>
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<td>112,751</td>
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<td>Utah</td>
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</table>

1. In which state are students most likely to graduate from public high school? About how many of the students who are enrolled in that state now do you predict will graduate?

Circle the letter of the correct answer.

3. About how many students enrolled in Minnesota public high schools now do you predict will graduate?
   - A about 717,389 students
   - B about 723,367 students
   - C about 743,010 students
   - D about 7,233,667 students

4. About how many more students in public high schools do you predict will graduate in Iowa than in Utah?
   - F about 413,754 more students
   - G about 401,973 more students
   - H about 11,781 more students
   - J about 1,781 more students

5. The total U.S. high school graduation rate is 68.1%. There are 48,857,321 students enrolled in public schools. About how many of those students do you predict will graduate?
   - A about 332 million students
   - B about 20 million students
   - C about 33 million students
   - D about 16 million students

6. About 11% of all students in the U.S. are enrolled in private schools. There are more than 48 million students in the U.S. About how many do you predict will go to private schools?
   - F about 5,280,000 students
   - G about 6 million students
   - H about 52,800 students
   - J about 528,000 students
**Challenge 37 - Predictions in a Flash**

Lightning strikes somewhere on Earth almost 9 million times a day! However, very few people are struck by lightning. In fact, your chance of being struck by lightning each year in the United States is only 1 in 600,000. But wait! This is not a simple probability. Where you live, the time of day, and even your hobbies affect your chances of being hit. To be on the safe side, stay indoors during a storm, and you live, the time of day, and even your hobbies affect your chances of being hit. The people who live in the states listed below have the highest probabilities of being struck by lightning. Use their given probabilities and populations to predict how many people in each state will likely be struck by lightning next year.

1. Florida; 16 million; 0.0003%
   - **48 people**
2. North Carolina; 8 million; 0.0002%
   - **16 people**
3. Texas; 21 million; 0.0007%
   - **about 15 people**
4. New York; 19 million; 0.00009%
   - **about 17 people**

**Problem Solving 37 - Making Predictions**

### U.S. Public High School Graduation Rates, Top 5 States

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1. In which state are students most likely to graduate from public high school? About how many of the students who are enrolled in that state now do you predict will graduate?
   - Nebraska; about 253,381 students
   - about 95,275 students

2. About how many students enrolled in North Dakota public high schools now do you predict will graduate?
   - about 52,800 students

3. About how many students enrolled in Minnesota public high schools now do you predict will graduate?
   - about 75% of the students
   - about 723,367 students

4. About how many more students in public high schools do you predict will graduate in Iowa than in Utah?
   - about 5,280,000 students

5. About 11% of all students in the U.S. are enrolled in private schools. There are more than 48 million students in the U.S. About how many do you predict will go to private schools?
   - about 401,973 students

6. The total U.S. high school graduation rate is 68.1%. There are 48,857,321 students enrolled in public schools. About how many of those students do you predict will graduate?
   - about 332 million students

7. In which state are students most likely to graduate from public high school?
   - North Dakota

8. Which state has the lowest probability of students graduating from public high school?
   - Florida

### Reading Strategies 37 - Following a Procedure

**Puzzles, Twisters & Teasers 37 - What's the Match?**

Read each question and choose the correct answer. Draw a line to the correct answer on the right. Rearrange the letters used to answer the riddle.

- **26 D**
- **171 E**
- **13 N**
- **130 Y**
- **9 L**
- **255 S**
- **-15 G**
- **4 J**
- **12 O**
- **18 K**
- **8 A**
- **64 M**
- **30 P**

**About how many do you predict will go to private schools?**

- about 723,367 students

**About how many do you predict will graduate?**

- about 75% of the students

**About how many students enrolled in North Dakota public high schools now do you predict will graduate?**

- about 52,800 students

**In which state are students most likely to graduate from public high school?**

- North Dakota

**Which state has the lowest probability of students graduating from public high school?**

- Florida

**What's full of holes, but still holds water?**

- a sponge