## Sum up the News – February 22<sup>nd</sup>, 2016

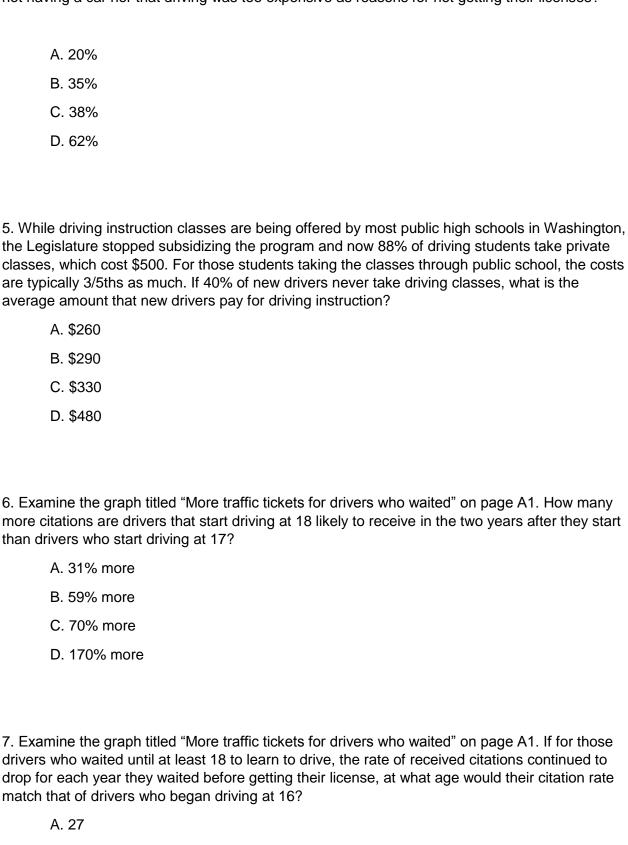
## Vocabulary

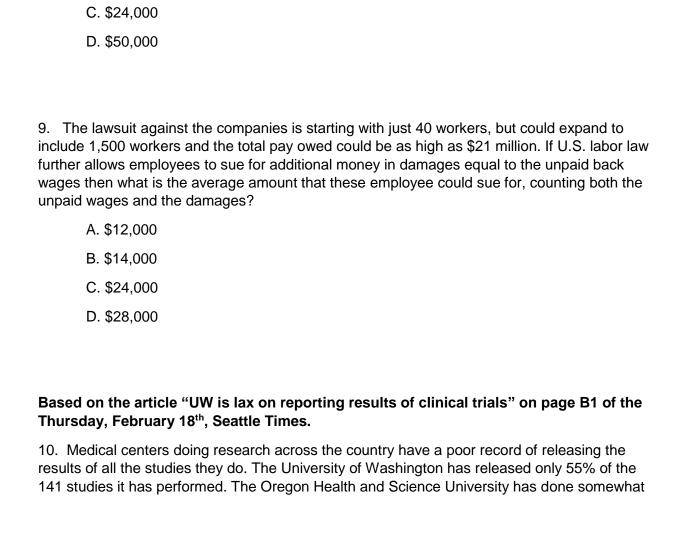
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1. The geometric mean of two numbers is equal to the square root of their product. What is the geometric mean of $2x^2$ and $8x^6$ ?
A. 4x <sup>3</sup>
B. 4x <sup>4</sup>
C. 5x <sup>4</sup>
D. 5x <sup>6</sup>
2. If $x^2 \le 25$ and $y^2 \le 16$ , then what is the minimum possible value of x * y?
A20
B. 0
C. 4
D. 5
3. A line secant to circle M intersects it at points F and G. If the minor arc $\widehat{FG}$ is half the measure of the major arc $\widehat{FG}$ , what is the measure of angle $\angle$ FGM?
A. 30°
B. 45°
C. 60°
D. 120°

Based on the article "Teens delay licenses and their driving is worse" on page A1 of the Tuesday, February 16<sup>th</sup>, Seattle Times.

4. In the survey, 44% of the respondents listed not having a car as the reason they didn't yet have a license, 39% listed that they could travel easily without a car and 36% listed that driving was too expensive. If 18% said both that they did not have a car and that they thought that

driving was too expensive then what percentage of the respondents to the survey listed neither not having a car nor that driving was too expensive as reasons for not getting their licenses?





Based on the article "SeaTac workers sue employers over wages" on page B1 of the

8. A group of workers have filed suit against a number of businesses in SeaTac, claiming that they are owed back pay due to their employers ignoring the new minimum wage law. Most of the workers filing suit had been paid just \$12 per hour, even though the \$15 per hour minimum

wage went into effect on January 1st of 2014. If the workers are working 40-hour weeks,

approximately how much in back wages were they owed by the end of 2015?

B. 28

C. 29

D. 30

A. \$6.200

B. \$12,000

Thursday, February 18th, Seattle Times.

better in this regard, releasing 69% of its 73 studies. How many more studies have yet to be publicly released by the UW than are as yet unreleased by OHSU?

- A. 40 more studies
- B. 53 more studies
- C. 63 more studies
- D. 68 more studies

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