

Blizzard Bag Math I  
Day 3

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Block: 185

4. Helga earns \$6.30 per hour working part-time at the grocery store. She records her starting and ending times each day on her time card.

**Helga's Time Card**

Date	In	Out
<b>Monday 7/25</b>	10:30 a.m.	2:00 p.m.
<b>Tuesday 7/26</b>	12:45 p.m.	3:30 p.m.
<b>Wednesday 7/27</b>		
<b>Thursday 7/28</b>	12:00 p.m.	4:45 p.m.
<b>Friday 7/29</b>	11:15 a.m.	3:45 p.m.

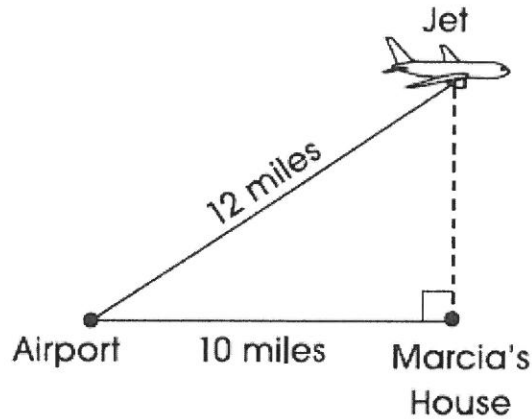
In your **Answer Document**, determine Helga's total wages for the week. Show your work or provide an explanation for your answer.

9. Enrica took two days to drive 1,020 miles. On the first day, she drove 10 hours at an average speed of 62 miles per hour. On the second day, her average speed was 57 miles per hour.

Approximately how long did she drive on the second day?

- A. 7.0 hours
- B. 8.6 hours
- C. 10.9 hours
- D. 17.0 hours

21. Marcia's house is approximately ten miles east of the airport. A jet is flying directly over her house after taking off from the airport and flying approximately twelve miles, as shown in the diagram below.



Approximately how many miles high is the jet when it flies over Marcia's house?

- A. 2.0 miles
  - B. 6.6 miles
  - C. 12.0 miles
  - D. 15.6 miles
36. Janice had a 5-inch high by 3-inch wide photo enlarged to a 3.5-foot tall poster. What should be the approximate width of the poster?
- A. 1.5 feet
  - B. 2.1 feet
  - C. 4.5 feet
  - D. 5.8 feet

41. Bart has a cylindrical pitcher with a radius of 6 cm and a height of 12 cm. He pours 1,300 cubic centimeters of lemonade into the pitcher.

Approximately how much more lemonade will the pitcher hold?

- A. 36 cubic centimeters
- B. 57 cubic centimeters
- C. 622 cubic centimeters
- D. 1,357 cubic centimeters

33. Federico is paid \$8.50 per hour for the first 40 hours he works each week. For each hour Federico works over 40 hours, he is paid for one-and-a-half hours. One week Federico works 48 hours.

How much does Federico earn for working 48 hours in one week?

- A. \$340
- B. \$408
- C. \$442
- D. \$612

7. Alicia is 5 feet tall. She casts a shadow that measures  $6\frac{1}{2}$  feet long at the same time that a sculpture in the park casts a shadow 12 feet long.

Which of the following is the approximate height of the sculpture?

- A. 9 feet
- B. 16 feet
- C. 27 feet
- D. 78 feet

30. Which sequence of numerals is equivalent to:

$$\frac{2}{3}, 10\%, 0.8, 6?$$

- A.  $\frac{4}{6}, \frac{1}{10}, \frac{8}{100}, 0.06$
- B. 0.67, 1.0, 8%, 6.00
- C.  $66\frac{2}{3}\%, \frac{2}{20}, \frac{4}{5}, 6.0$
- D.  $\frac{2}{3}, 0.01, 80\%, 6\%$

8. Tina plays on the Lakewood High softball team. During her first season, she went to bat 27 times and got 6 hits. If she continues to hit at about the same rate, how many total hits will she have if she bats 40 times?

A. 4

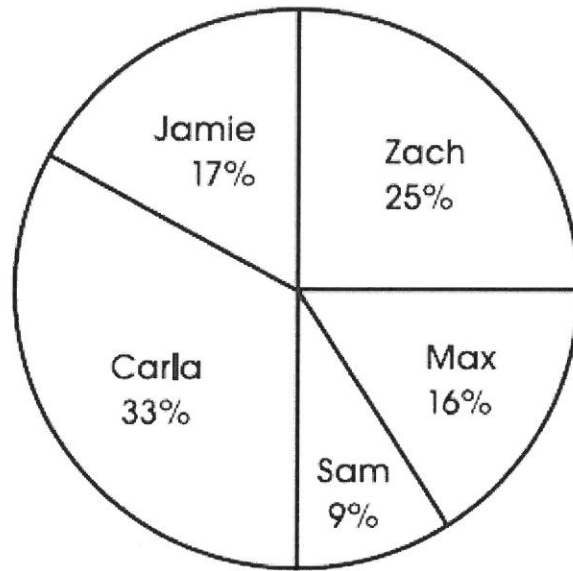
B. 9

C. 15

D. 19

32. Six hundred sixty students cast their votes for Junior Class President at Hillmark High School. The results are shown in the graph below.

**Votes for Junior Class President**



If one-third of those who voted for Zach were girls, how many girls voted for Zach?

- A. 220
- B. 165
- C. 110
- D. 55