Maverick Math Superstars

Full Name:_____

Teacher:_____

Someone may read the problem to you and demonstrate a **SIMILAR** problem, but you should work the problems yourself. **SCORING:** 20 horseshoe points per assignment. Two for Full Name and Teacher and 18 for problems. Horseshoe values are printed before each problem. Every problem varies, so read each one carefully! Worksheets are to be turned into the Maverick Math box anytime during the week but **before 8:30 on Friday.** PRINTED AT HOME

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DUE 11/18/11

Sheet 4.9

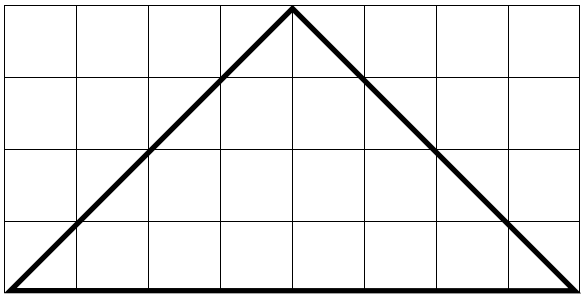
1/2 horseshoe for each correct answer.

1. At the end of a game Ashley was 50 points ahead of Laura. Carol was 30 points behind Tanya. Laura was 20 points ahead of Tanya.

In what order did the players finish?

FIRST:_____ SECOND:_____ THIRD:_____ FOURTH:_____

2. What is the *area* of the triangle drawn on the grid? Hint: Don't forget to count 1/2 squares too! Circle your answer.



A. 12 square units **B. 16 square units**

C. 20 square units **D. 32 square units**

One horseshoe for work shown.
One horseshoe for correct answer.

3. You are at a picnic. The ants have found you! You decide to find out how long it takes an ant to walk across your blanket, get a bread crumb, and carry it back to the grass. It takes the first ant 50 seconds, the second ant 45 seconds, the third ant 1 minute, and the fourth ant 53 seconds.

What is the average time it takes for an ant to make the round trip?

_____seconds

1/2 horseshoe for work shown.
1/2 horseshoe for correct answer.

4. Mr. Adams is setting up chairs and tables in the school cafeteria. Every table needs 12 chairs. He has 156 chairs.

How many tables does he need?

_____tables

One horseshoe for work shown.
One horseshoe for correct answer.

5. Caleb wants to buy a bike that costs $276.00. He has earned $88.00 babysitting. He earned $137.00 total by babysitting and mowing lawns.

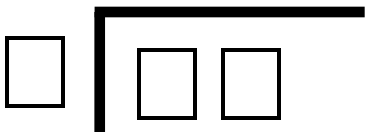
A. How much more money does Caleb need to buy the bike? $_____

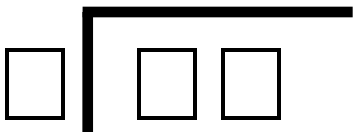
B. How much money did Caleb earn mowing lawns?

$_____

A: 1/2 horseshoe for each correct equation.
B: One horseshoe for correct answer.

6. A. Use each of the digits 3, 4, and 6 . Put one digit in each box below to show the *greatest possible quotient* and the *smallest possible quotient*. Hint: You will have a remainder.





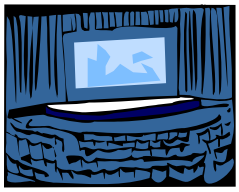
B. Which is a *reasonable* range of answers for the smallest quotient and the greatest quotient?
Circle your answer.

A. Between 3 and 13 **B. Between 5 and 22** **C. Between 7 and 47** **D. Between 10 and 100**

One horseshoe for work shown.
One horseshoe for correct answer.

7. The Starlight Six has 6 movie theaters. Each theater has 24 rows of seats. Each row contains 11 seats.

How many seats are in one of the theaters?



_____seats

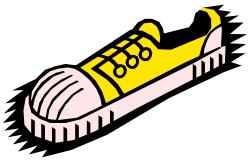
One horseshoe for work shown.
One horseshoe for correct answer.

8. Brent's shoe is about 9 inches long. The width of his bedroom measures approximately 24 shoe lengths.
Which is *reasonable* for the width of his bedroom? Circle your answer.

A. About 100 inches.

B. About 150 inches.

C. About 200 inches.



9. Write the number three hundred four thousand, two hundred twelve in standard form.

_____

10. If the pattern continues, what number sentence completes the bottom line of the chart below?

5 X 4 = 20
5 X 40 = 200
5 X 400 = 2,000
____ X_____ = _____