

MATH SUPERSTARS – 4

Jupiter, VIII

Name: _____
(This shows my own thinking.)

★★ 1. What number is as much greater than 36 as it is less than 94?

Answer: _____

★★★ 2. Find a pair of numbers for each sum and product. Write your answers in the blanks.

	<u>Numbers</u>	<u>Sum</u>	<u>Product</u>
Example →	5 , 3	8	15
	____ , ____	10	24
	____ , ____	12	20
	____ , ____	14	48
	____ , ____	16	63
	____ , ____	18	45
	____ , ____	31	30

★★★ 3. Ashley, Jonathan, Sarah, Carlos, and Tanya all made the finals of the National Math Fair Competition last year. Before the final round began, each one had to shake hands with all the others. How many handshakes were there?

Answer: _____ handshakes



★★ 4. Karen's first five grades are: 92, 88, 99, 97, and 89. If she has an average of 94, she'll get an A on her report card. Find Karen's average. Will Karen get an A or a B?

Answer: Karen will get a(n) _____.

- ★★ 5. Find the missing digits. Write the completed problem below to the right.

$$\begin{array}{r}
 5 \square, 682 \\
 - 43, 8\square 6 \\
 \hline
 6, 786
 \end{array}$$

Answer: _____

- ★ 6. On the Fourth of July, a typical temperature in Florida during the day would be:

a. 12°C b. 120°F c. 36°C

Answer: _____

- ★★ 7. Rachel mailed out 12 party invitations and the stamps cost \$0.32 each. She paid for her stamps with a five dollar bill. How much change should she receive?

Answer: _____



- ★★★ 8. In these addends, each letter represents a single digit. Find the numbers. Write the completed problem below, on the right hand side.

$$\begin{array}{r}
 \text{C E N T} \\
 \text{C E N T} \\
 + \text{S C E N T} \\
 \hline
 35128
 \end{array}$$

Answer: _____

- ★★ 9. To change "dog years" to "people years," you multiply the dog's age by 7.

- a. How old, in people years, is a 10-year old dog? _____
- b. How old are you? _____ How old are you in dog years? _____

When I turn $2\frac{1}{2}$ I can join the army!

