Title I Math

May 11-15

Third Grade

Dividing by 5. Students will practice dividing by five by using "King John" and "Helping Hands". Solve the equations and then plot the answers on the x and y axis. Students will plot the number pairs and connect the points to create a picture and solve the riddle.

Enjoy!

sharon.baumgard@wolfcreeklocal.org

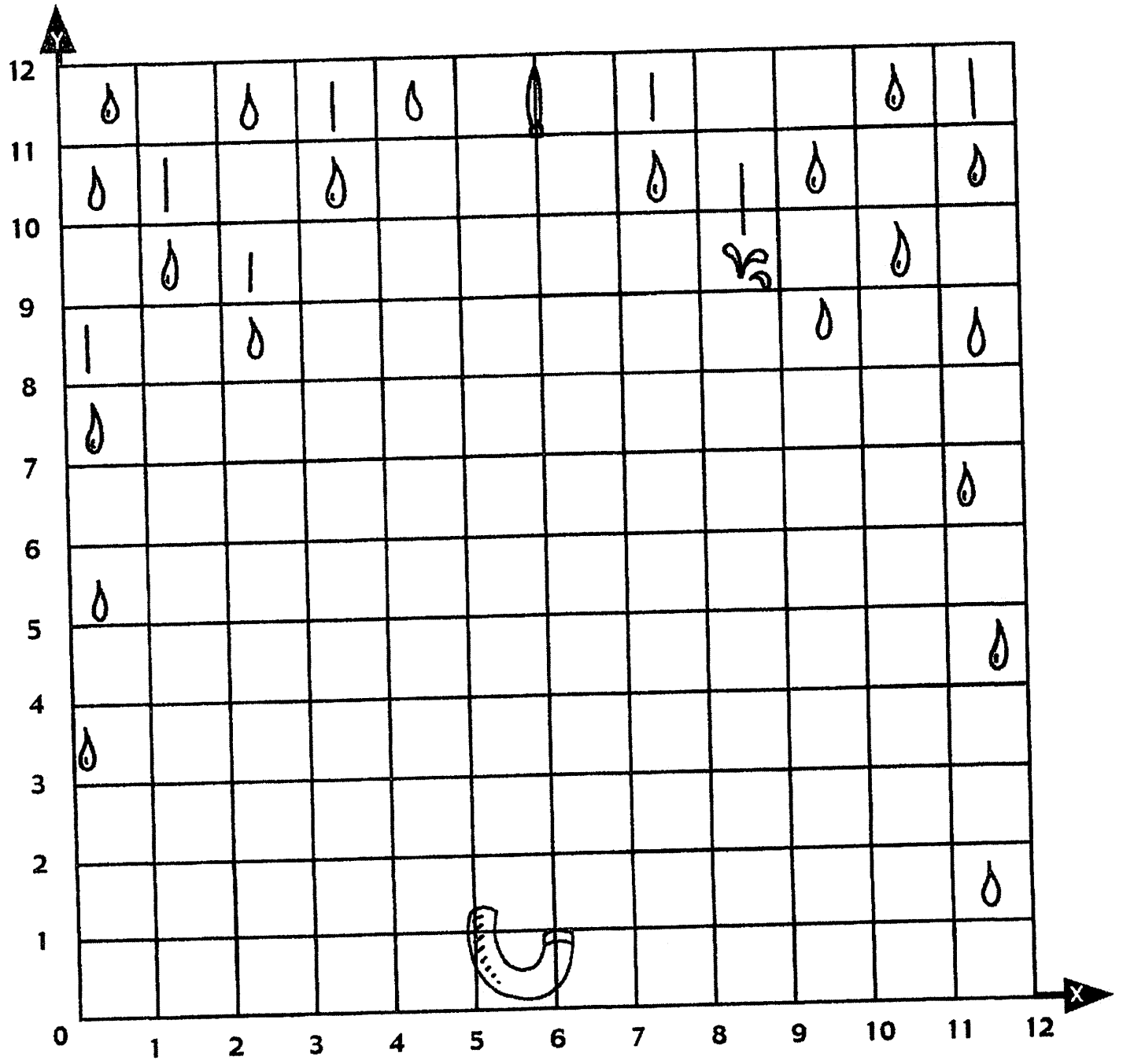
Name _____

KING JOHN

How did people know that King John would never give up his reign? _____

_____

To find out the answer, solve the problems on page 42. Then plot the number pairs and connect the points. The picture you make will help you solve the riddle. (The answer is upside down at the bottom of this page.)



Answer: *He always carried an umbrella.*

Name_____

KING JOHN

1. Solve each division problem. Example problems have been done for you.
2. In the example problems, the numbers **6** and **1** are called a number pair. We write (6,1).
3. Look at the graph on page 41. Graph the number pair in the example. Start at 0. Go across to the number **6** and up to the number **1**. Plot the point.
4. Plot the point for each number pair, in order. Then use a straightedge to connect the points in the order you plotted them. Can you solve the riddle?

X →	Y ↑
30 ÷ 5 = 6	**5 ÷ 5 = 1 (Example)**
30 ÷ 5 = _____	30 ÷ 5 = _____
35 ÷ 5 = _____	35 ÷ 5 = _____
40 ÷ 5 = _____	30 ÷ 5 = _____
45 ÷ 5 = _____	35 ÷ 5 = _____
50 ÷ 5 = _____	30 ÷ 5 = _____
55 ÷ 5 = _____	35 ÷ 5 = _____
30 ÷ 5 = _____	55 ÷ 5 = _____
5 ÷ 5 = _____	35 ÷ 5 = _____
10 ÷ 5 = _____	30 ÷ 5 = _____
15 ÷ 5 = _____	35 ÷ 5 = _____
20 ÷ 5 = _____	30 ÷ 5 = _____
25 ÷ 5 = _____	35 ÷ 5 = _____
30 ÷ 5 = _____	30 ÷ 5 = _____

EXTRA CHALLENGE!

Lady Rebecca's diamonds were stolen. Beside her empty jewelry box was this note!

What is full of spades that never shovel? What is full of hearts that never love?
What is full of clubs that never hit a ball? What is full of diamonds that are never worn?

Solve the riddle by replacing the answers to the problems with the alphabet code.

A = 5 B = 10 C = 15 D = 20 O = 25 R = 30 X = 35

5 x 3 = _____ 5 x 1 = _____ 5 x 6 = _____ 5 x 4 = _____ 5 x 2 = _____ 5 x 5 = _____ 5 x 7 = _____

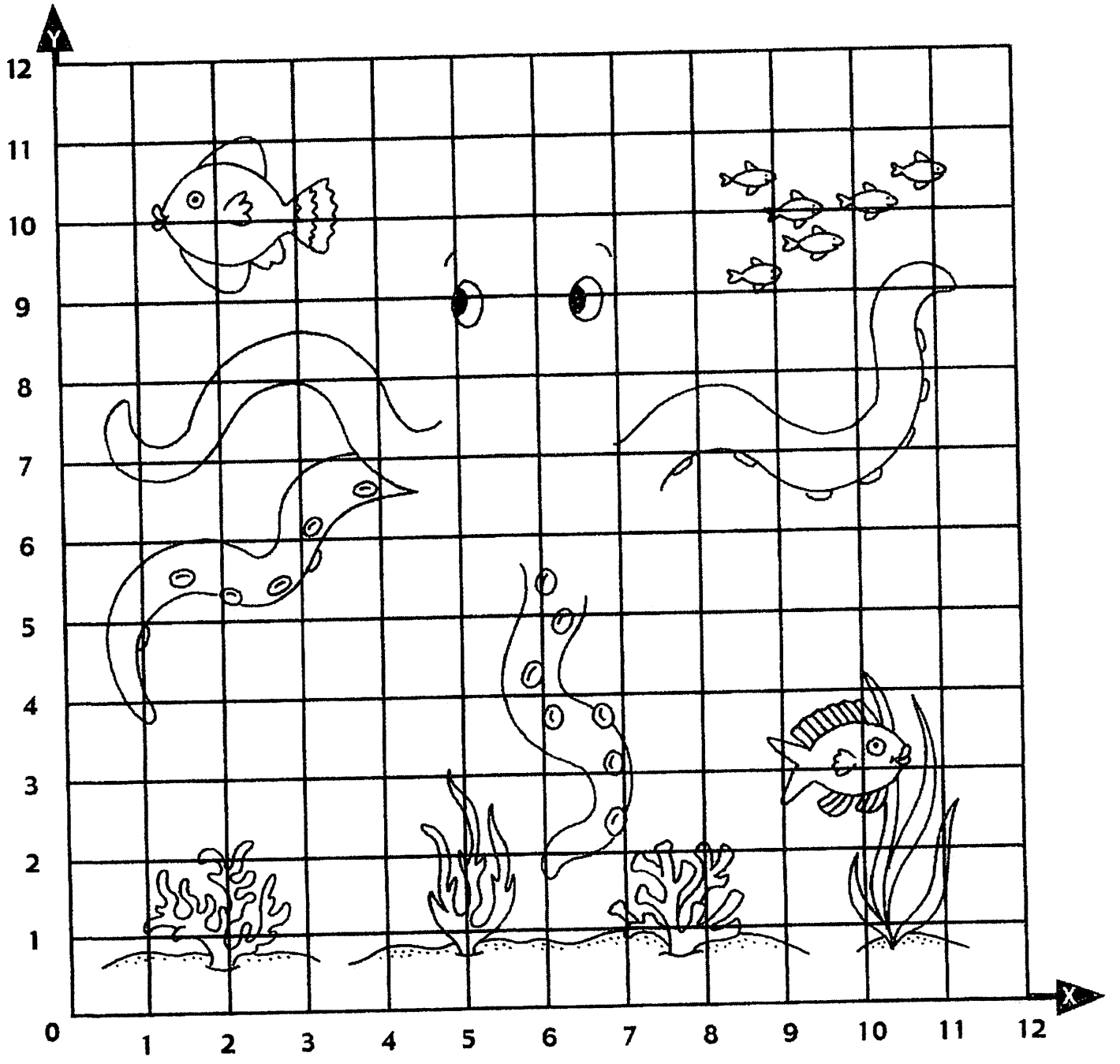
Lady Rebecca's diamonds are hidden in a _____.

Name _____

HELPING HANDS

What kind of sea creature would be a big help in the army? _____

To find out the answer, solve the problems on page 44. Then plot the number pairs and connect the points. The picture you make will help you solve the riddle. (The answer is upside down at the bottom of this page.)



Answer: **an octopus**

Name _____

HELPING HANDS

1. Solve each division problem. Example problems have been done for you.
2. In the example problems, the numbers **7** and **7** are called a number pair. We write (7, 7).
3. Look at the graph on page 43. Graph the number pair in the example. Start at 0. Go across to the number **7** and up to the number **7**. Plot the point.
4. Plot the point for each number pair, in order. Then use a straightedge to connect the points in the order you plotted them. Can you solve the riddle?

X →	Y ↑
35 ÷ 5 = 7	**35 ÷ 5 = 7 (Example)**
40 ÷ 5 = _____	45 ÷ 5 = _____
40 ÷ 5 = _____	55 ÷ 5 = _____
35 ÷ 5 = _____	60 ÷ 5 = _____
25 ÷ 5 = _____	60 ÷ 5 = _____
20 ÷ 5 = _____	55 ÷ 5 = _____
20 ÷ 5 = _____	45 ÷ 5 = _____
25 ÷ 5 = _____	35 ÷ 5 = _____
0 ÷ 5 = _____	10 ÷ 5 = _____
25 ÷ 5 = _____	30 ÷ 5 = _____
15 ÷ 5 = _____	0 ÷ 5 = _____
30 ÷ 5 = _____	30 ÷ 5 = _____
50 ÷ 5 = _____	0 ÷ 5 = _____
35 ÷ 5 = _____	30 ÷ 5 = _____
40 ÷ 5 = _____	25 ÷ 5 = _____
60 ÷ 5 = _____	20 ÷ 5 = _____
40 ÷ 5 = _____	30 ÷ 5 = _____
35 ÷ 5 = _____	35 ÷ 5 = _____

EXTRA CHALLENGE!

Oscar the Octupus lost the combination for his treasure chest. All that he has is this note to remind him of the three numbers. Can you figure them out?

Write the three-number combination below:

_____

- All three numbers are different and even.
- The numbers are between 1 and 7.
- The first number is the largest and the last number is the smallest.