

# Number Challenge

## Word Problems Using Multiplication/Division

### Instructions:

Solve each word problem. Write the word form of each answer in the crossword puzzle, making sure to write the "across" answers from left to right and the "down" answers from top to bottom in their corresponding lettered spaces. Use the word bank to help you—and don't forget to include the hyphens in your answers!

### Helpful Hint:

To solve word problems, follow these simple steps!

1. Read the problem.
2. Identify the numbers that you will need to solve the problem.
3. Read the question in the problem and figure out if you should multiply or divide.

#### Multiply If:

The problem tells you how many are in each group and asks for a total.

#### **Example:**

Kylie has 4 cats. Each has 5 toys.

How many total toys do Kylie's cats have?

$$4 \text{ cats} \times 5 \text{ toys} = 20 \text{ toys}$$

#### Divide If:

The problem tells you a total and asks for how many groups or how many are in each group.

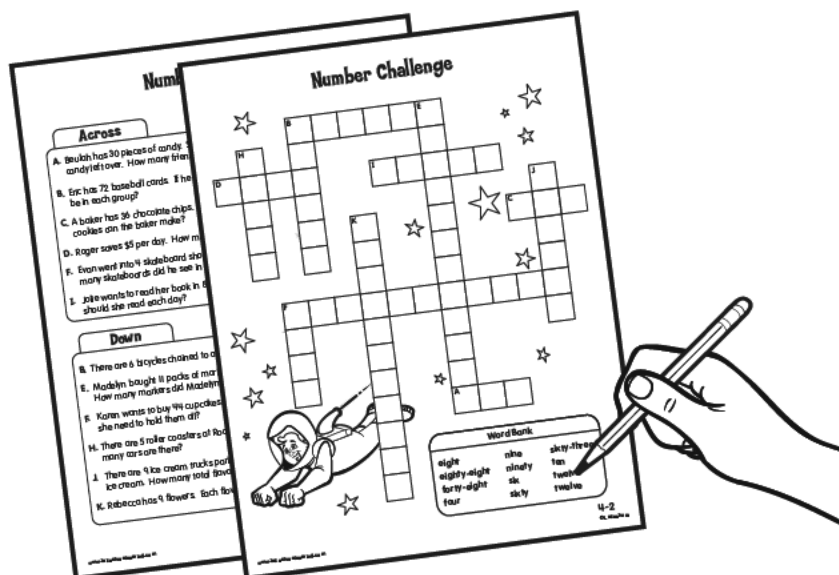
#### **Example:**

Meggy's house has a total of 12 paintings.

There are 3 paintings in each bedroom.

How many bedrooms does Meggy's house have?

$$12 \text{ paintings} \div 3 \text{ paintings} = 4 \text{ bedrooms}$$



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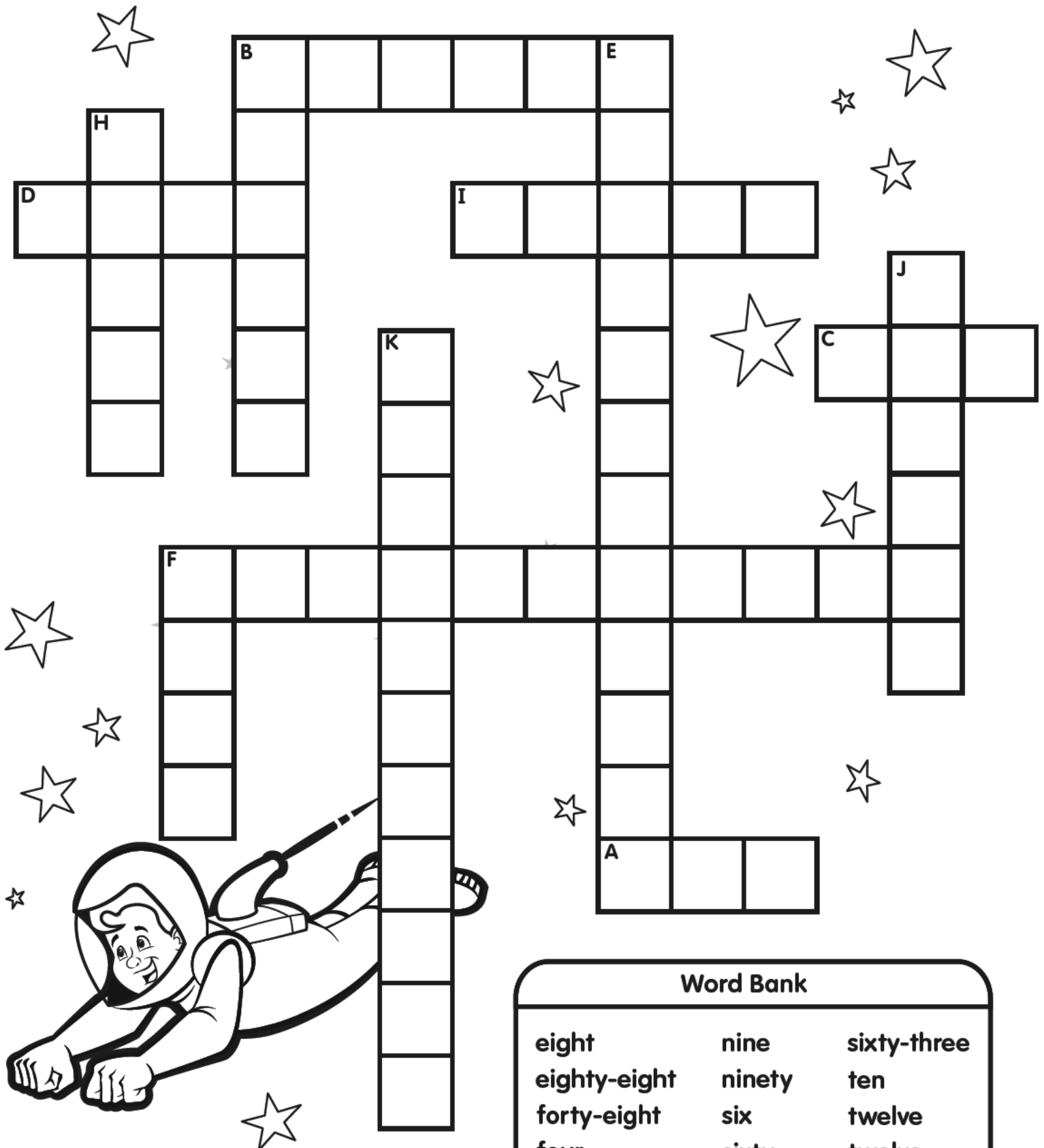
## Across

- A. Beulah has 30 pieces of candy. She gives each of her friends 3 pieces and has no candy left over. How many friends does Beulah have?
- B. Eric has 72 baseball cards. If he organizes them into 6 groups, how many cards will be in each group?
- C. A baker has 36 chocolate chips. He wants 6 chocolate chips per cookie. How many cookies can the baker make?
- D. Roger saves \$5 per day. How many days does it take him to save \$45?
- F. Evan went into 4 skateboard shops. He saw 12 skateboards at each shop. How many skateboards did he see in all?
- I. Jolie wants to read her book in 8 days. If the book has 64 pages, how many pages should she read each day?

## Down

- B. There are 6 bicycles chained to a bike rack. How many bicycle wheels are there in all?
- E. Madelyn bought 11 packs of markers for her party. There are 8 markers in each pack. How many markers did Madelyn buy?
- F. Karen wants to buy 44 cupcakes. Each box holds 11 cupcakes. How many boxes will she need to hold them all?
- H. There are 5 roller coasters at Rock & Roll Park. Each roller coaster has 12 cars. How many cars are there?
- J. There are 9 ice cream trucks parked downtown. Each truck has 10 different flavors of ice cream. How many total flavors are there?
- K. Rebecca has 9 flowers. Each flower has 7 petals. How many petals are there?

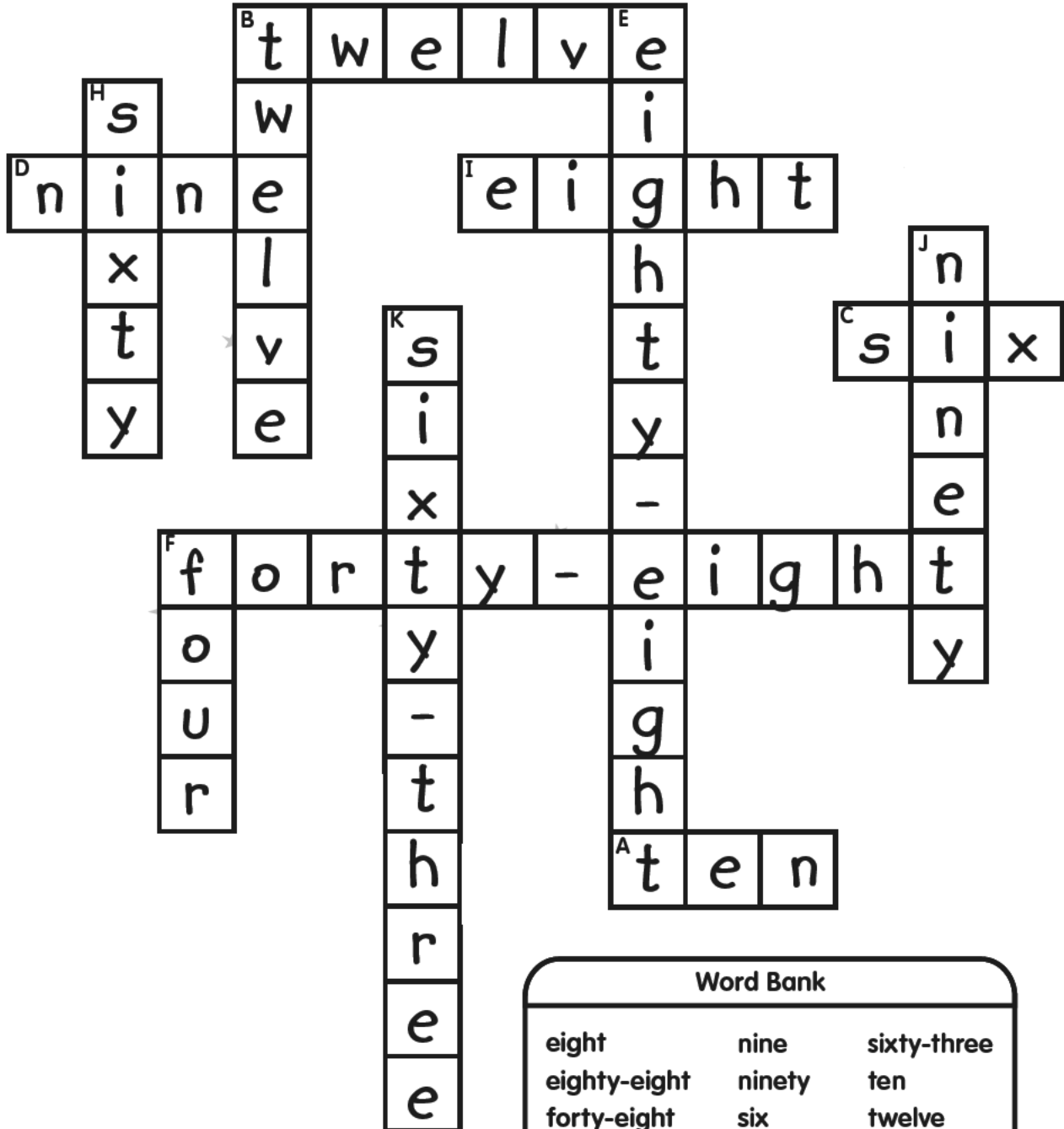
# Number Challenge



## Word Bank

eight	nine	sixty-three
eighty-eight	ninety	ten
forty-eight	six	twelve
four	sixty	twelve

# Answer Key



Word Bank		
eight	nine	sixty-three
eighty-eight	ninety	ten
forty-eight	six	twelve
four	sixty	twelve