

### **Table of Contents**

### **Divide and Conquer**

- Finding the Quotient! \*
- Baseball Division #1 \*
- Baseball Division #2 \*
- Baseball Division #3 \*
- Baseball Division #4 \*
- Baseball Division #5 \*
- Basketball Division #1 \*
- Basketball Division #2 \*
- Basketball Division #3 \*
- Basketball Division #4 \*
- Basketball Division #5 \*
- Football Division #1 \*
- Football Division #2 \*
- Football Division #3 \*
- Football Division #4 \*
- Football Division #5 \*
  - Donut Division \*
  - Snail Division \*
  - Mushroom Math \*
  - Picnicking Signs \*
    - Beach Math \*
    - Let's Be Fair \*
  - Divide 'Em Up \*
- Math-Go-Round #1
- Math-Go-Round #2
- Math-Go-Round #3
- Math-Go-Round #4

Certificate of Completion
Answer Sheets

<sup>\*</sup> Has an Answer Sheet

# Finding the Quotient!

Divide to find the quotient.

**Division** is the process of finding how many times one number will fit into another number. Division is the opposite, or inverse, operation of multiplication.

$$\frac{6}{\text{divisor}} \longrightarrow 2)12 \longleftarrow \text{dividend}$$

The number you are dividing is the dividend.

The number you are dividing by is the divisor.

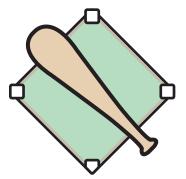
The answer to a division problem is the quotient.

HINT:

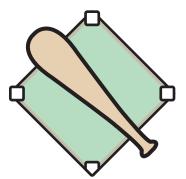
Use your multiplication facts to help you find the answer.

The answer is **8**.

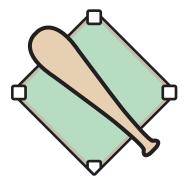




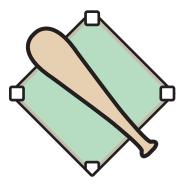




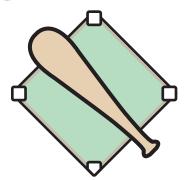


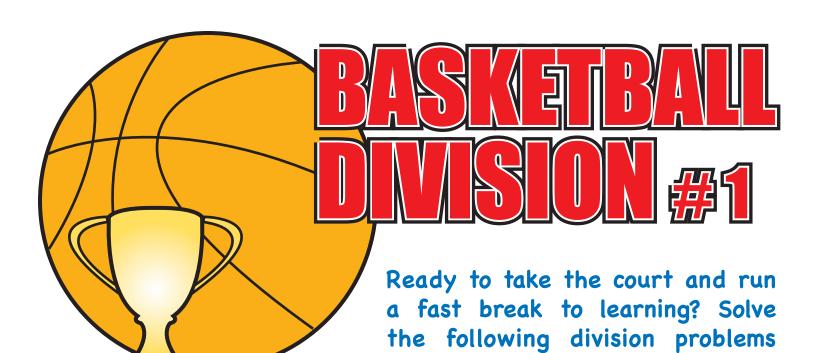




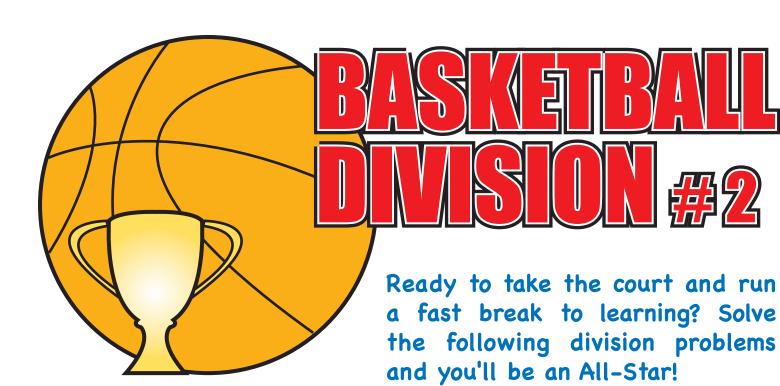


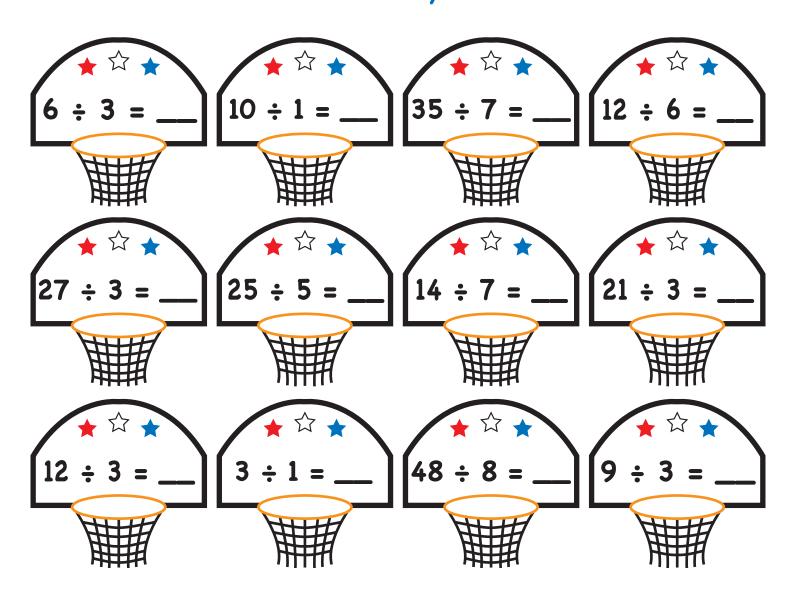


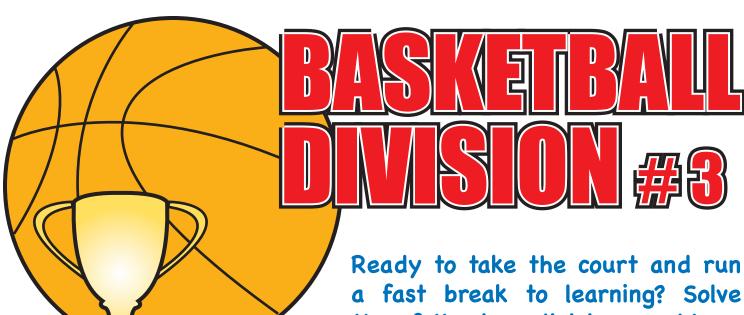




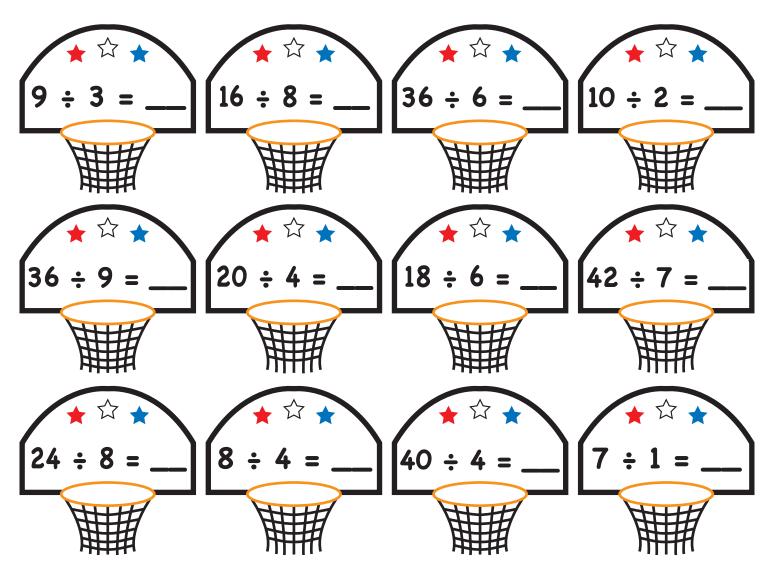
and you'll be an All-Star!

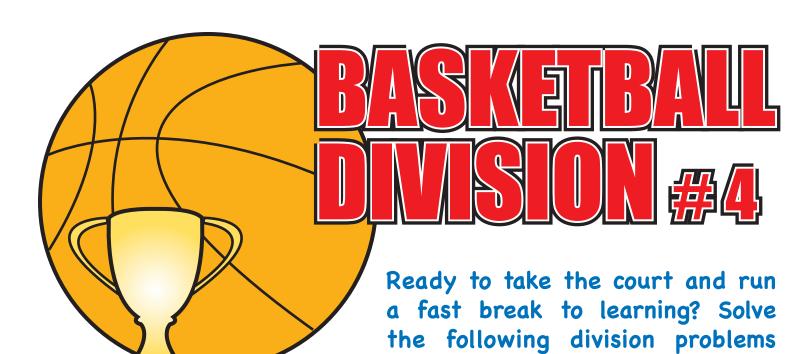


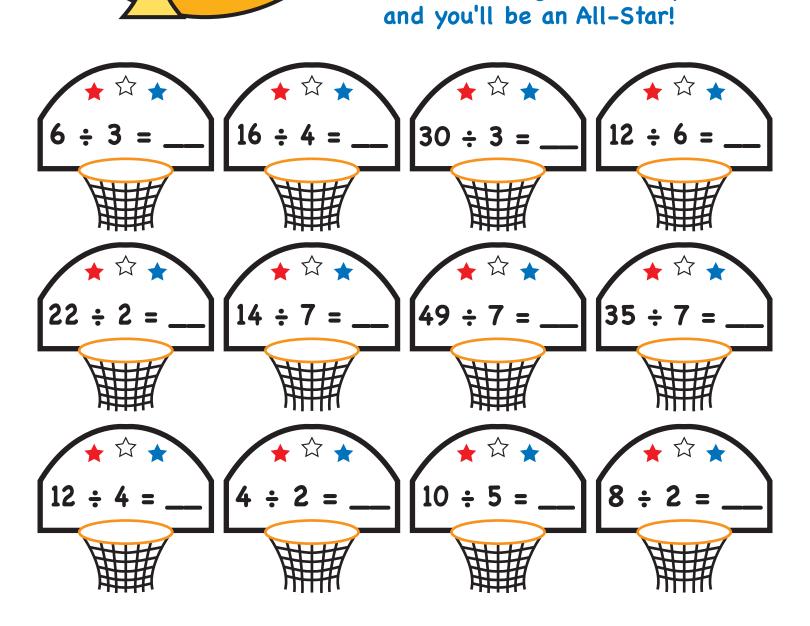


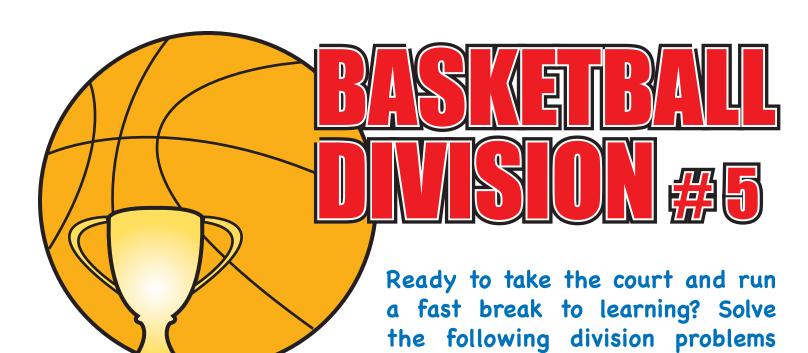


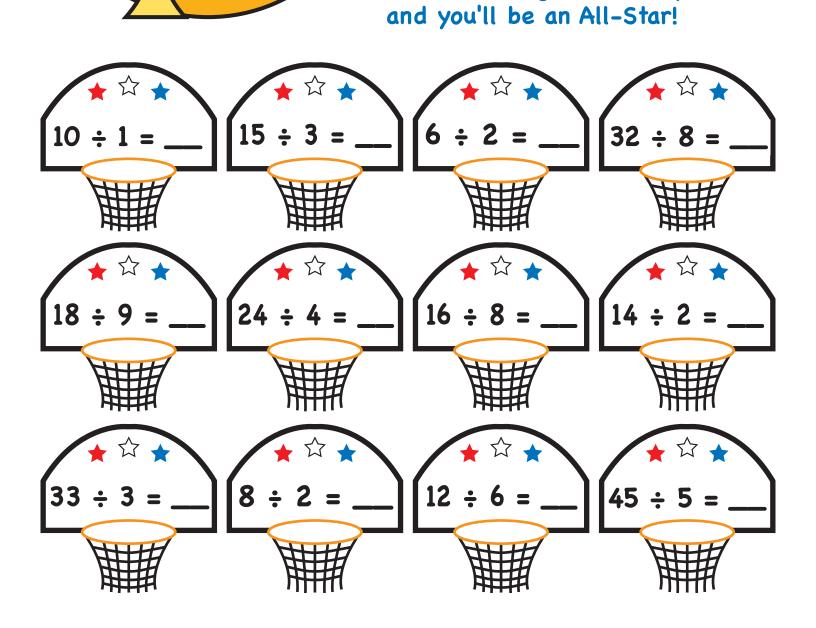
a fast break to learning? Solve the following division problems and you'll be an All-Star!

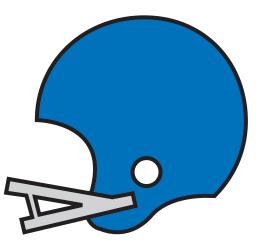






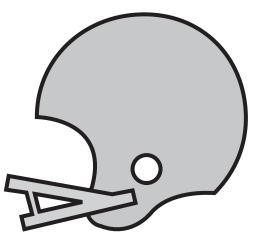






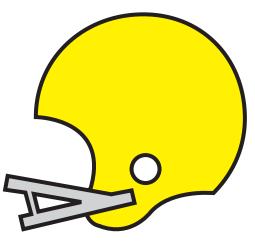


$$\begin{vmatrix}
10 \div 2 &= & \\
9 \div 3 &= & \\
20 \div 4 &= & \\
8 \div 2 &= & \\
14 \div 2 &= & \\
8 \div 4 &= & \\
16 \div 4 &= & \\
6 \div 2 &= & \\
12 \div 6 &= & \\
13 \div 6 &= & \\
14 \div 2 &= & \\
14 \div 2 &= & \\
15 \div 3 &= & \\
16 \div 4 &= & \\
16 \div 4 &= & \\
17 \div 6 &= & \\
18 \div 6 &= & \\
18 \div 6 &= & \\
19 \div 6 &= & \\
19 \div 6 &= & \\
10 \div 6 &= & \\
10 \div 6 &= & \\
10 \div 6 &= & \\
11 \div 6 &= & \\
12 \div 6 &= & \\
12 \div 6 &= & \\
13 \div 6 &= & \\
14 \div 2 &= & \\
15 \div 6 &= & \\
15 \div 6 &= & \\
16 \div 6 &= & \\
17 \div 6 &= & \\
18 \div 6 &= & \\
1$$



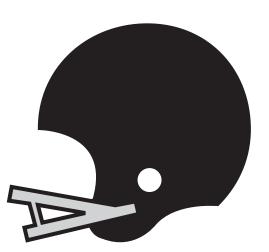


$$\begin{bmatrix}
 12 \div 3 &= \end{bmatrix}
 \begin{bmatrix}
 5 \div 1 &= \end{bmatrix}
 \begin{bmatrix}
 15 \div 5 &= \end{bmatrix}
 \begin{bmatrix}
 9 \div 3 &= \end{bmatrix}
 \begin{bmatrix}
 16 \div 4 &= \end{bmatrix}
 \begin{bmatrix}
 25 \div 5 &= \end{bmatrix}
 \begin{bmatrix}
 14 \div 7 &= \end{bmatrix}
 \begin{bmatrix}
 21 \div 3 &= \end{bmatrix}
 \begin{bmatrix}
 10 \div 2 &= \end{bmatrix}
 \begin{bmatrix}
 8 \div 2 &= \end{bmatrix}
 \begin{bmatrix}
 12 \div 6 &=$$



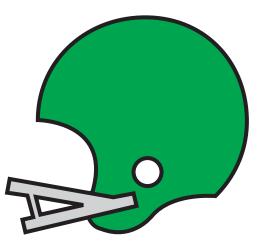


$$\begin{bmatrix}
 24 \div 8 = & \\
 \hline
 18 \div 4 = & \\
 \hline
 12 \div 4 = & \\
 \hline
 16 \div 4 = & \\
 \hline
 16 \div 8 = & \\
 \hline
 16 \div 8 = & \\
 \hline
 10 \div 5 = & \\
 10 \div 5 = & \\
 \hline
 10 \div 5 = & \\
 10 \div 5 = & \\
 \hline
 10 \div 5 = & \\
 10 \div 5$$





$$\begin{bmatrix}
 12 \div 4 = & & \\
 4 \div 2 = & & \\
 & \end{bmatrix}
 \begin{bmatrix}
 10 \div 5 = & \\
 10 \div 5 = & \\
 \hline
 18 \div 9 = & \\
 \hline
 10 \div 5 = & \\
 10 \div 5 = & \\
 \hline
 10 \div 6 = & \\
 10 \div 6 = & \\
 \hline
 10 \div 6 = & \\
 10 \div$$



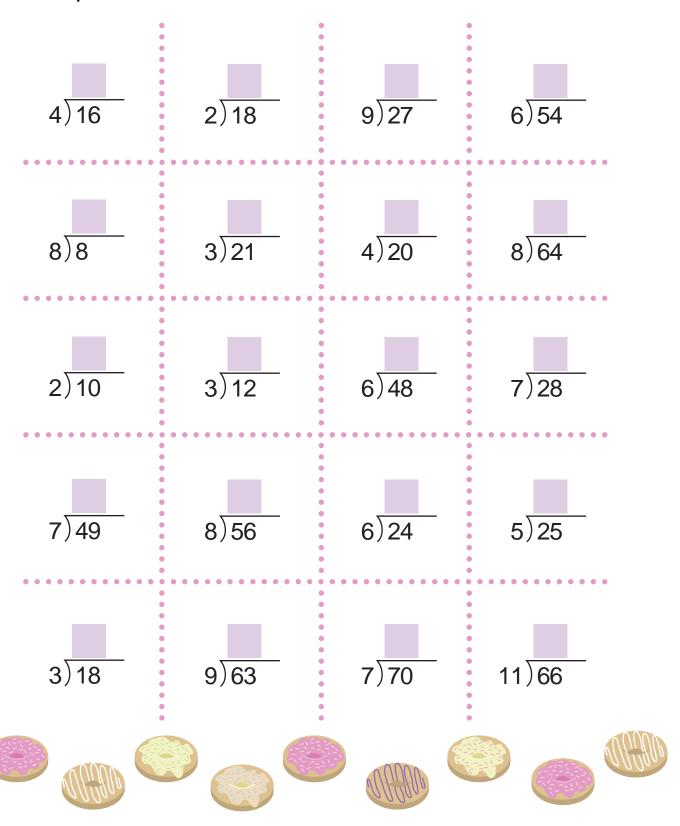


$$\begin{bmatrix}
 10 \div 5 &= \end{bmatrix}
 \begin{bmatrix}
 8 \div 2 &= \end{bmatrix}
 \begin{bmatrix}
 12 \div 6 &= \end{bmatrix}
 \begin{bmatrix}
 4 \div 2 &= \end{bmatrix}
 \end{bmatrix}
 \begin{bmatrix}
 18 \div 9 &= \end{bmatrix}
 \begin{bmatrix}
 16 \div 8 &= \end{bmatrix}
 \begin{bmatrix}
 14 \div 2 &= \end{bmatrix}
 \end{bmatrix}
 \end{bmatrix}$$

$$\begin{bmatrix}
 9 \div 3 &= \end{bmatrix}
 \begin{bmatrix}
 15 \div 3 &= \end{bmatrix}
 \begin{bmatrix}
 6 \div 2 &= \end{bmatrix}
 \begin{bmatrix}
 12 \div 3 &= \end{bmatrix}
 \end{bmatrix}$$

### **Donut Division!**

Find the quotient.



# **Snail Division**

Find the quotient.





# **Mushroom Math**

Multiply or divide.



# Picnicking Signs

The multiplication and division signs are having a picnic. While they're gone, it's up to you to fill in the missing multiplication or division sign in each equation.

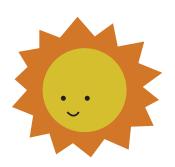
$$6 \quad 3 = 18$$

$$6 = 12$$



# **Beach Math**

Multiply or divide.





### Let's Be Fair

Read each word problem and find the quotient.

James has 15 cookies.

He wants to divide them and give an equal number to his 3 friends. How many cookies should he give each friend?

15 ÷ 3 = 5

\_\_\_\_cookies

Kenny has 14 juice boxes. He wants to divide them and give an equal number to his 7 friends. How many juice boxes should he give each friend?

÷ =

\_\_\_\_\_juice boxes

Samantha has 28 books. She wants to divide them and make 4 equal stacks to lend to her friends. How many books should she put in each stack?



Chris has 8 bouncy balls. He wants to divide them and give an equal number to his 8 friends. How many bouncy balls should he give each friend?



\_\_\_\_\_bouncy balls

Mary is throwing a party.

She has 20 soap hearts and wants to divide them equally into 5 party favor bags. How many soap hearts should she put in each bag?

÷ = soap hearts

Ada is bringing balloons to the class party. She has 30 balloons and wants to divide them equally among the 10 students in her class. How many balloons should each student get?

÷ =

\_\_\_\_balloons

# Divide 'Em Up

Solve each division word problem. Show your work!

Ms. Bran brought 4 evenly divided boxes of muffins to class. There are 36 muffins altogether. How many muffins are in each	
pox5	

Pookie's Pet Store has 24 tropical fish. They keep 3 fish in each tank. How many fish tanks are there?



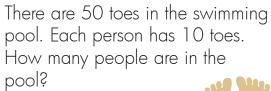
Sally divided her 48 spools of thread evenly into 6 boxes. How many spools of thread did she put in each box?



Ivan scooped 16 scoops of ice cream evenly onto 8 cones. How many scoops of ice cream are on each cone?



Chris has 28 cactus plants. He keeps his cactus plants in even rows of 7. How many cactus plants are in each row?







### Division | Difficulty: ★☆☆☆

Find a friend and practice your division skills. Find two coins or game pieces and place them on the square labeled **START**. Choose one of the problems to solve and move your game piece clockwise around the board to that problem's answer.

Keep track of the number of corners you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.



†I Point	33	23	13	11	+1 Point
24	2)46	3)93	5)55	2)28	14
31	4)48	3)63	5)50	3)39	12
41	2)48	4)88	3)99	2)82	22
20	3)96	4)80	2)84	2)68	34
+1 Point	21	42	10	32	†I Point



### Division | Difficulty: ★★☆☆

Find a friend and practice your division skills. Find two coins or game pieces and place them on the square labeled **START**. Choose one of the problems to solve and move your game piece clockwise around the board to that problem's answer.

Keep track of the number of corners you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.



†I Point	13	16	14	9	+I Point
37	4)96	5)65	3)45	4)68	18
24	6)48	5)70	2)74	2)56	19
8	8)80	4)72	7)84	6)96	15
12	9)81	2)58	5)95	3)78	10
+1 Point	29	17	26	28	†l Point

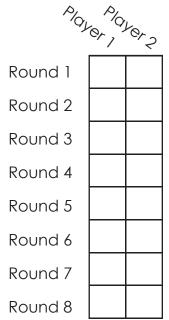


### Division | Difficulty: ★★☆

Find a friend and practice your division skills. Find two coins or game pieces and place them on the square labeled **START**. Choose one of the problems to solve and move your game piece clockwise around the board to that problem's answer.

Keep track of the number of corners you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.



ioidi .	
Total	
ound 8	
30HG /	

†I Point	37	62	61	73	+I Point
19	5)180	6)270	9)171	2)164	82
36	3)186	7)511	8)144	7)245	71
38	9)432	6)222	8)216	9)522	18
45	3)114	4)284	7)364	6)366	58
+1 Point	27	52	35	48	†I Point



### Division | Difficulty: $\bigstar \bigstar \bigstar \bigstar$

Find a friend and practice your division skills. Find two coins or game pieces and place them on the square labeled **START** Choose one of the problems to solve and move yourgame piece clockwise around the board to that problem's answer.

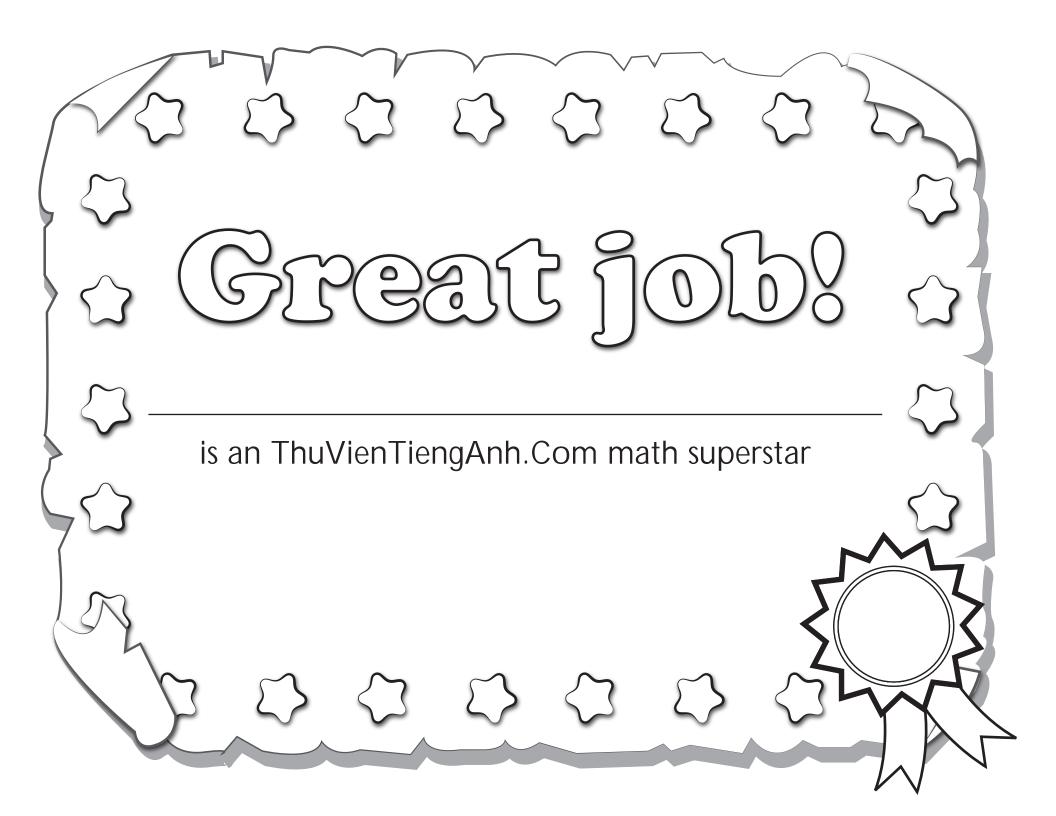
Keep track of the number of comers you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.

Play	Pla	vor 2	
Round 1			
Round 2			
Round 3			
Ro und 4			
Round 5			
Round 6			
Round 7			
Round 8			

Total

†I Point	26 R23	35 R3	35 R17	<b>12</b> R12	+I Point
53 R11	14)621	21)527	27)962	19)308	16 R14
<b>80</b> R7	12)967	11)152	34)455	16)270	<b>44</b> <sub>R5</sub>
16 R4	25)673	26)324	14)458	15)806	24 <sub>R1</sub>
32 R10	13)638	32)863	23)553	11)388	13 R9
+1 Point	25 R2	26 R31	48 R1	13 R13	†I Point



### **Divide and Conquer**

Finding the Quotient!

Baseball Division #1

Baseball Division #2

Baseball Division #3

Baseball Division #4

Baseball Division #5

Basketball Division #1

Basketball Division #2

Basketball Division #3

Basketball Division #4

Basketball Division #5

Football Division #1

Football Division #2

Football Division #3

Football Division #4

Football Division #5

**Donut Division** 

**Snail Division** 

Mushroom Math

Picnicking Signs

Beach Math

Let's Be Fair

Divide 'Em Up

# Finding the Quotient!

Divide to find the quotient.

**Division** is the process of finding how many times one number will fit into another number. Division is the opposite, or inverse, operation of multiplication.

$$\frac{6}{\text{divisor} \longrightarrow 2)12} \longleftarrow \frac{\text{quotient}}{\longleftarrow \text{dividend}}$$

The number you are dividing is the dividend.

The number you are dividing by is the divisor.

The answer to a division problem is the quotient.

Use your multiplication facts to help you find the answer.

The answer is 8.

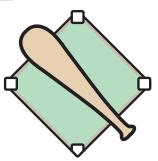
$$12 \div 4 = 3$$
 4)12

$$15 \div 3 = 5$$
 3)15

$$10 \div 5 = 2$$
 5)10

# BASEBALL DIMBION #1



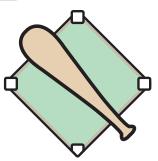


$$21 \div 7 = \underline{3}$$

$$8 \div 4 = 2$$

# BASEBALL DIVISION #2





$$10 \div 1 = \underline{10}$$

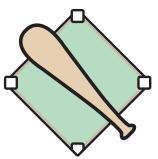
$$6 \div 3 = 2$$

$$36 \div 3 = 12$$

$$9 \div 1 = \underline{9}$$

# BASEBALL DIVISION#8



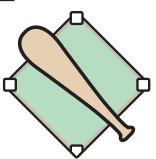


$$42 \div 7 = 6$$

$$36 \div 6 = \underline{6}$$

# BASEBALL DISION#4





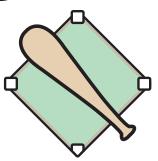
$$18 \div 9 = 2$$

$$12 \div 4 = 3$$

# BASEBALL DINSIDN#5



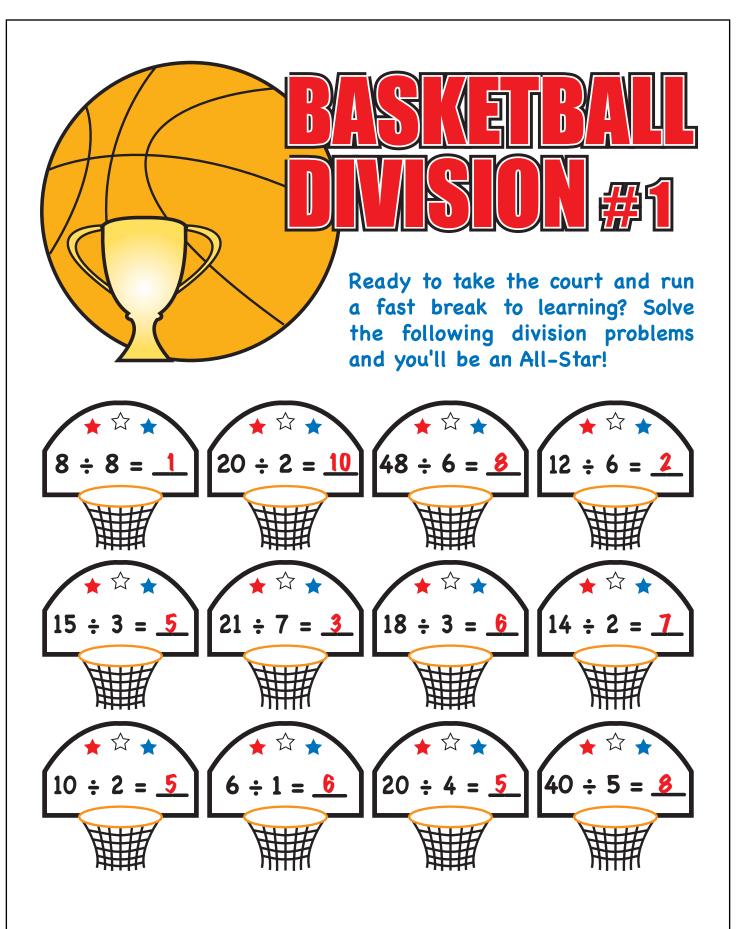
Batter up! Step up to the plate and swing for the fences. Solve the following division problems and you'll be an All-Star!

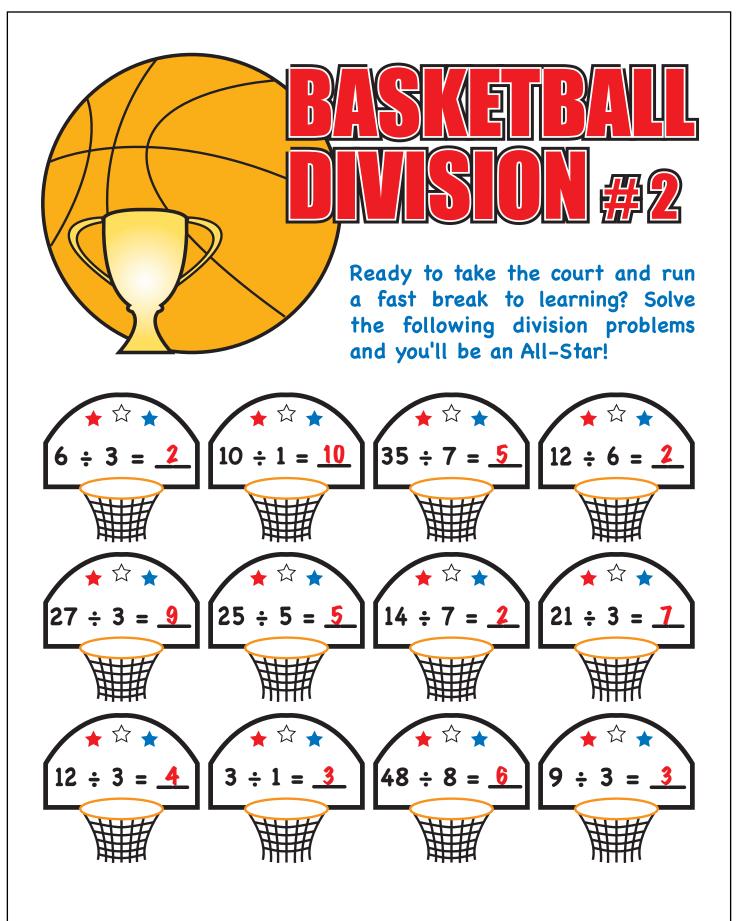


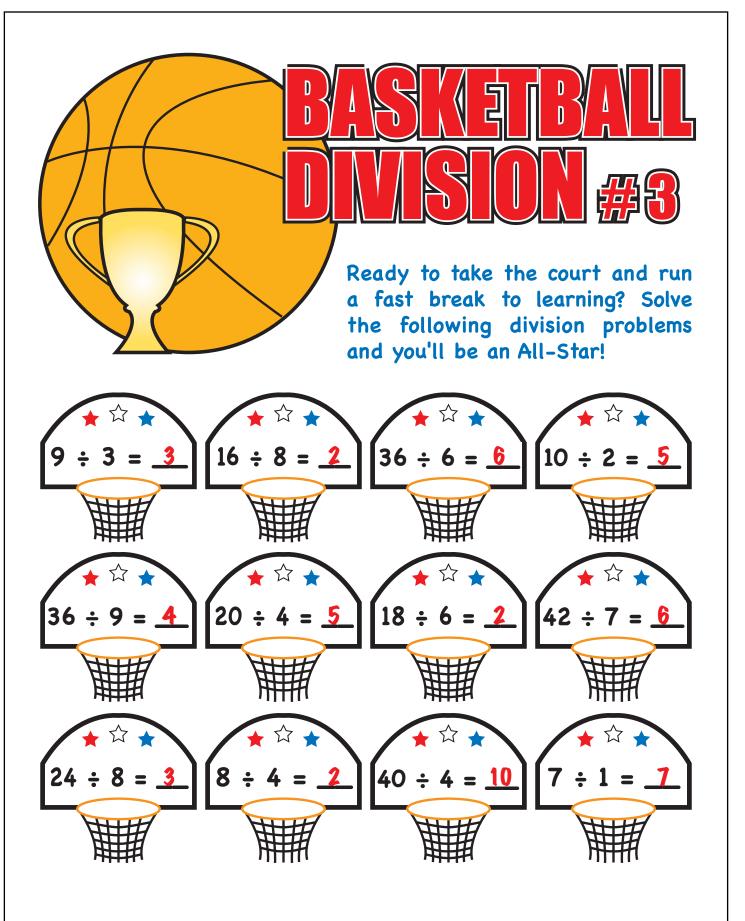
$$30 \div 3 = 10$$

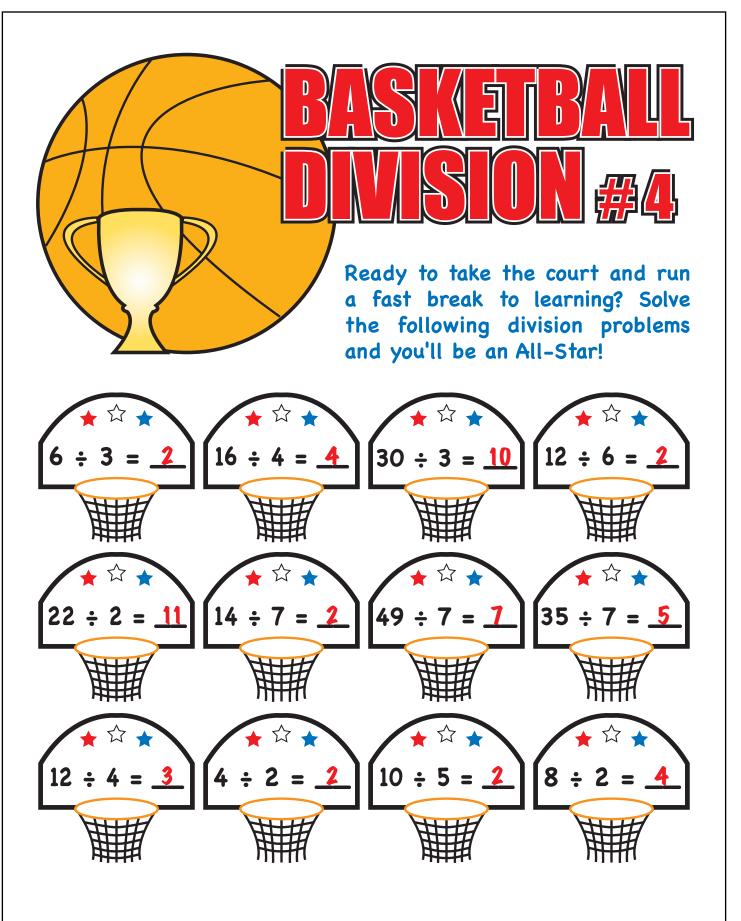
$$49 \div 7 = \boxed{1}$$

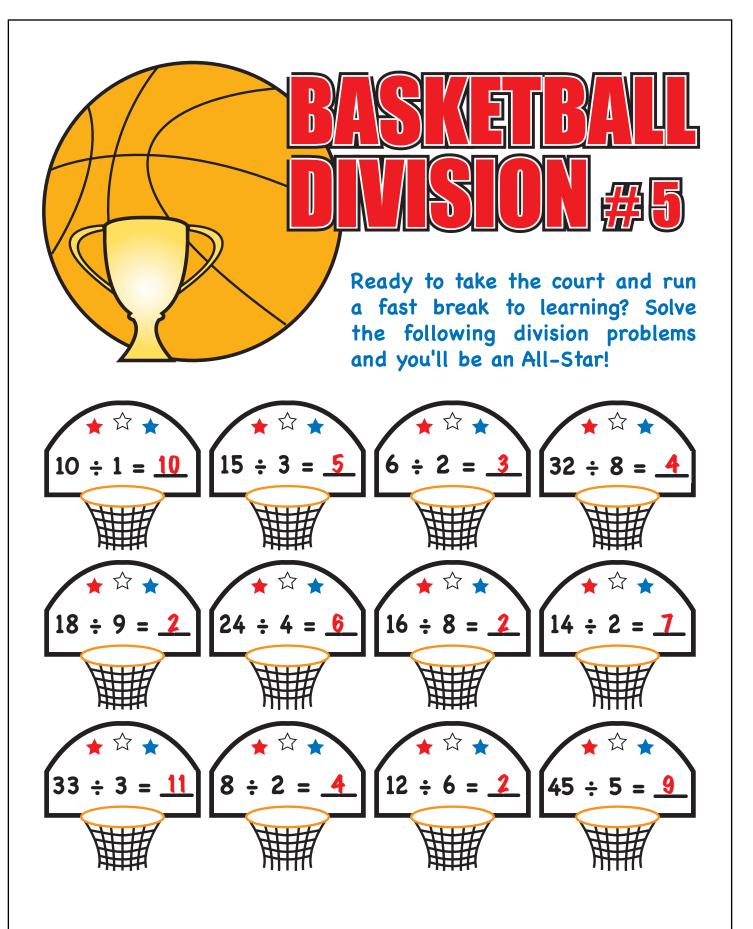
$$6 \div 1 = \underline{6}$$



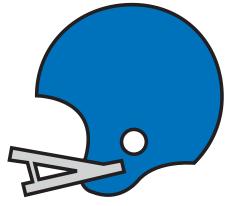






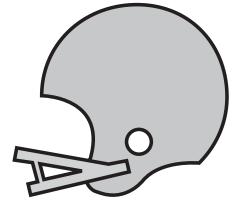






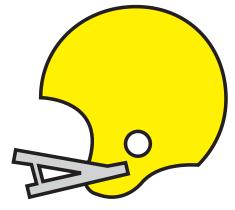






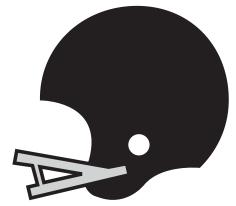


















## **Donut Division!**

Find the **quotient**.



















## **Snail Division**

Find the **quotient**.





## **Mushroom Math**

Multiply or divide.



$$\begin{array}{c}
7 \\
\times 3 \\
\hline
\mathbf{21}
\end{array}$$

$$\begin{array}{r}
33 \\
\times 5 \\
\hline
\mathbf{165}
\end{array}$$

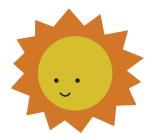
# Picnicking Signs

The multiplication and division signs are having a picnic. While they're gone, it's up to you to fill in the missing multiplication or division sign in each equation.



## **Beach Math**

Multiply or divide.



$$\frac{3}{\times 4}$$



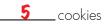
$$\frac{66}{\times 2}$$

### Let's Be Fair

Read each word problem and find the quotient.

lames has 15 cookies.

He wants to divide them and give an equal number to his 3 friends. How many cookies should he give each friend?



Kenny has 14 juice boxes. He wants to divide them and give an equal number to his 7 friends. How many juice boxes should he give each friend?

\_\_\_\_juice boxes

Samantha has 28 books. She wants to divide them and make 4 equal stacks to lend to her friends. How many books should she put in each stack?

\_\_\_\_\_\_books

Chris has 8 bouncy balls.
He wants to divide them and give an equal number to his 8 friends.
How many bouncy balls should he give each friend?

\_\_\_\_\_bouncy balls

Mary is throwing a party.
She has 20 soap hearts and wants to divide them equally into 5 party favor bags. How many soap hearts should she put in each bag?

\_\_\_\_soap hearts

Ada is bringing balloons to the class party. She has 30 balloons and wants to divide them equally among the 10 students in her class. How many balloons should each student get?

\_\_\_**3**\_\_\_ balloons

## Divide 'Em Up

Solve each division word problem. Show your work!

Ms. Bran brought 4 evenly divided boxes of muffins to class. There are 36 muffins altogether. How many muffins are in each box?



There are 9 muffins in each box.

Pookie's Pet Store has 24 tropical fish. They keep 3 fish in each tank. How many fish tanks are there?



There are 8 tropical fish in each tank.

Sally divided her 48 spools of thread evenly into 6 boxes. How many spools of thread did she put in each box?



There are 8 spools in each box.

Ivan scooped 16 scoops of ice cream evenly onto 8 cones. How many scoops of ice cream are on each cone?



There are 2 scoops on each cone.

Chris has 28 cactus plants. He keeps his cactus plants in even rows of 7. How many cactus plants are in each row?



There are 4 cactus plants in each row.

There are 50 toes in the swimming pool. Each person has 10 toes. How many people are in the pool?



There are 5 people in the pool.