

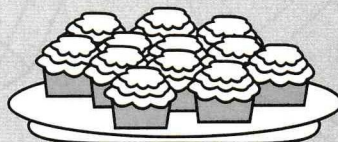
PRACTICE

Ms. Q's class plants flowers in the community garden.



36. Alex plants 100 flowers in rows, with 10 flowers in each row. How many rows of flowers does Alex plant? 36. _____
37. Winnie plants 32 flowers in 8 equal rows. How many flowers does Winnie plant in each row? 37. _____
38. Grogg plants 56 flowers in 7 equal rows. How many flowers does Grogg plant in each row? 38. _____

Lizzie's mom bakes 40 cupcakes for a birthday party at Lizzie's house.



39. If the cupcakes are divided equally among 4 little monsters, how many cupcakes will each little monster get? 39. _____
40. If the cupcakes are divided equally among 5 little monsters, how many cupcakes will each little monster get? 40. _____
41. Alex, Grogg, Lizzie, and Winnie each eat one cupcake. Then, Cammie and Ralph arrive. The remaining cupcakes are divided equally among the six little monsters. How many cupcakes does Ralph get? 41. _____

This table lists the costs of some bags of fruit at the grocery store:

Fruit	Cost of 1 Bag
Apple	\$3
Banana	\$4
Mango	\$5
Dewberry	\$8

42. How many bags of apples can Lizzie buy with \$15? 42. _____
43. How many bags of bananas can Fiona buy with \$28? 43. _____
44. How many bags of mangoes can Ms. Q. buy with \$30? 44. _____
45. Winnie has exactly enough money to buy 5 bags of dewberries, but instead decides to spend all of her money on bananas. How many bags of bananas does Winnie buy? 45. _____
46. Alex has \$24. How many **more** bags of apples can Alex buy than bags of bananas? 46. _____
47. Grogg spends \$42 buying an equal number of bags of apples and bananas. How many bags of fruit does Grogg buy all together? 47. _____

You'll need to use multiplication, division, addition, and subtraction to complete these cross-number puzzles!



EXAMPLE

Complete the cross-number puzzle below.

36	÷	6	=	
÷		+		+
4	×		=	12
=		=		=
	+		=	

Across: Down:
 $36 \div 6 = \boxed{6}$. $36 \div 4 = \boxed{9}$.
 $4 \times \boxed{3} = 12$. $6 + 3 = \boxed{9}$.
 $9 + 9 = \boxed{18}$ and $6 + 12 = \boxed{18}$.

The completed cross-number puzzle looks like this:

36	÷	6	=	6
÷		+		+
4	×	3	=	12
=		=		=
9	+	9	=	18

PRACTICE

Complete each cross-number puzzle below.

48.

2	×	21	=	
×		÷		-
15	÷	3	=	
=		=		=
	+		=	

49.

56	-	50	=	
÷		÷		+
7	+	5	=	
=		=		=
	+		=	

50.

42	÷	6	=	
-		+		+
36	÷	4	=	
=		=		=
	+		=	

51.

56	-	54	=	
÷		÷		+
8	+	6	=	
=		=		=
	+		=	

PRACTICE Complete each cross-number puzzle below.

52.

72	-	70	=	
÷		÷		+
9	+		=	16
=		=		=
	+		=	

53.

11	×	7	=	
×		×		+
6	÷		=	
=		=		=
	+	14	=	

54.

	÷	6	=	
-		+		+
32	÷		=	
=		=		=
4	+	10	=	

55.

	+	3	=	12
÷		-		÷
3	-		=	
=		=		=
	×	2	=	

56.

32	÷	4	=	
-		+		+
20	÷	2	=	
=		=		=
	+		=	

57.

	×		=	
×		×		+
4	÷	2	=	
=		=		=
32	+	10	=	

DIVISION

Cross-Number Puzzles

58.

64	÷		=	
-		+		+
60	÷	6	=	
=		=		=
	+	14	=	

59.

	×	6	=	36
÷		÷		÷
3	×		=	9
=		=		=
	+		=	

60.

	÷	5	=	
-		+		+
42	÷		=	6
=		=		=
3	+		=	

61.

	×	4	=	40
÷		÷		÷
5	×		=	10
=		=		=
	+		=	

62.



3	×	40	=	
×		÷		-
35	÷		=	
=		=		=
	+		=	

63.



3	×	14	=	
×		÷		-
	÷		=	
=		=		=
30	+		=	

Try dividing some larger numbers.



EXAMPLE

What is $320 \div 8$?

To divide $320 \div 8$, we find the number that can be multiplied by 8 to get 320.

Since $4 \times 8 = 32$,

$40 \times 8 = 320$.

So, $320 \div 8 = 40$.

PRACTICE

Find each quotient.

64. $500 \div 5 =$ _____

65. $630 \div 7 =$ _____

66. $400 \div 8 =$ _____

67. $900 \div 3 =$ _____

68. $2,400 \div 4 =$ _____

69. $1,800 \div 9 =$ _____

70. $42,000 \div 6 =$ _____

71. $20,000 \div 5 =$ _____

72. $18,000 \div 20 =$ _____



73. $14,000 \div 700 =$ _____

