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NOTE TO PARENTS



Although this book has been specifically designed to be used by classroom teachers for teaching division facts, the materials are extremely helpful when used by parents and children at home.

If you have purchased this book to use at home with your child, I recommend that all of the fill-in-the-blank pages be inserted into vinyl page protectors and worked with a dry-erase overhead transparency marker. The page protectors can be washed and the page can be reused. Put all the page protectors and worksheets into a vinyl, two-pocket binder. The pen, flash cards and other materials can be kept in the binder pockets, thus creating a handy, portable math kit.

I think you will find that these methods work extremely well both at home and in the classroom. They have been tested and approved by parents and teachers!



DIVISION FACTS



Facts in boxes are matching facts.

Squares

$$1 \div 1 = 1$$

$$4 \div 2 = 2$$

$$9 \div 3 = 3$$

$$16 \div 4 = 4$$

$$25 \div 5 = 5$$

$$36 \div 6 = 6$$

$$49 \div 7 = 7$$

$$64 \div 8 = 8$$

$$81 \div 9 = 9$$

$$100 \div 10 = 10$$

9s

$$9 \div 9 = 1$$

$$18 \div 9 = 2$$

$$27 \div 9 = 3$$

$$36 \div 9 = 4$$

$$45 \div 9 = 5$$

$$54 \div 9 = 6$$

$$63 \div 9 = 7$$

$$72 \div 9 = 8$$

$$81 \div 9 = 9$$

$$90 \div 9 = 10$$

$$9 \div 1 = 9$$

$$18 \div 2 = 9$$

$$27 \div 3 = 9$$

$$36 \div 4 = 9$$

$$45 \div 5 = 9$$

$$54 \div 6 = 9$$

$$63 \div 7 = 9$$

$$72 \div 8 = 9$$

$$81 \div 9 = 9$$

$$90 \div 10 = 9$$

2s

$$2 \div 2 = 1$$

$$4 \div 2 = 2$$

$$6 \div 2 = 3$$

$$8 \div 2 = 4$$

$$10 \div 2 = 5$$

$$12 \div 2 = 6$$

$$14 \div 2 = 7$$

$$16 \div 2 = 8$$

$$18 \div 2 = 9$$

$$20 \div 2 = 10$$

$$2 \div 1 = 2$$

$$4 \div 2 = 2$$

$$6 \div 3 = 2$$

$$8 \div 4 = 2$$

$$10 \div 5 = 2$$

$$12 \div 6 = 2$$

$$14 \div 7 = 2$$

$$16 \div 8 = 2$$

$$18 \div 9 = 2$$

$$20 \div 10 = 2$$

4s

$$4 \div 4 = 1$$

$$8 \div 4 = 2$$

$$12 \div 4 = 3$$

$$16 \div 4 = 4$$

$$20 \div 4 = 5$$

$$24 \div 4 = 6$$

$$28 \div 4 = 7$$

$$32 \div 4 = 8$$

$$36 \div 4 = 9$$

$$40 \div 4 = 10$$

$$4 \div 1 = 4$$

$$8 \div 2 = 4$$

$$12 \div 3 = 4$$

$$16 \div 4 = 4$$

$$20 \div 5 = 4$$

$$24 \div 6 = 4$$

$$28 \div 7 = 4$$

$$32 \div 8 = 4$$

$$36 \div 9 = 4$$

$$40 \div 10 = 4$$

8s

$$8 \div 8 = 1$$

$$16 \div 8 = 2$$

$$24 \div 8 = 3$$

$$32 \div 8 = 4$$

$$40 \div 8 = 5$$

$$48 \div 8 = 6$$

$$56 \div 8 = 7$$

$$64 \div 8 = 8$$

$$72 \div 8 = 9$$

$$80 \div 8 = 10$$

$$8 \div 1 = 8$$

$$16 \div 2 = 8$$

$$24 \div 3 = 8$$

$$32 \div 4 = 8$$

$$40 \div 5 = 8$$

$$48 \div 6 = 8$$

$$56 \div 7 = 8$$

$$64 \div 8 = 8$$

$$72 \div 9 = 8$$

$$80 \div 10 = 8$$

5s

$$5 \div 5 = 1$$

$$10 \div 5 = 2$$

$$15 \div 5 = 3$$

$$20 \div 5 = 4$$

$$25 \div 5 = 5$$

$$30 \div 5 = 6$$

$$35 \div 5 = 7$$

$$40 \div 5 = 8$$

$$45 \div 5 = 9$$

$$50 \div 5 = 10$$

10s

$$5 \div 1 = 5$$

$$10 \div 2 = 5$$

$$15 \div 3 = 5$$

$$20 \div 4 = 5$$

$$25 \div 5 = 5$$

$$30 \div 6 = 5$$

$$35 \div 7 = 5$$

$$40 \div 8 = 5$$

$$45 \div 9 = 5$$

$$50 \div 10 = 5$$

$$10 \div 10 = 1$$

$$20 \div 10 = 2$$

$$30 \div 10 = 3$$

$$40 \div 10 = 4$$

$$50 \div 10 = 5$$

$$60 \div 10 = 6$$

$$70 \div 10 = 7$$

$$80 \div 10 = 8$$

$$90 \div 10 = 9$$

$$100 \div 10 = 10$$

$$10 \div 1 = 10$$

$$20 \div 2 = 10$$

$$30 \div 3 = 10$$

$$40 \div 4 = 10$$

$$50 \div 5 = 10$$

$$60 \div 6 = 10$$

$$70 \div 7 = 10$$

$$80 \div 8 = 10$$

$$90 \div 9 = 10$$

$$100 \div 10 = 10$$

3s

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

$$30 \div 3 = 10$$

$$3 \div 1 = 3$$

$$6 \div 2 = 3$$

$$9 \div 3 = 3$$

$$12 \div 4 = 3$$

$$15 \div 5 = 3$$

$$18 \div 6 = 3$$

$$21 \div 7 = 3$$

$$24 \div 8 = 3$$

$$27 \div 9 = 3$$

$$30 \div 10 = 3$$

6s

$$6 \div 6 = 1$$

$$12 \div 6 = 2$$

$$18 \div 6 = 3$$

$$24 \div 6 = 4$$

$$30 \div 6 = 5$$

$$36 \div 6 = 6$$

$$42 \div 6 = 7$$

$$48 \div 6 = 8$$

$$54 \div 6 = 9$$

$$60 \div 6 = 10$$

$$6 \div 1 = 6$$

$$12 \div 2 = 6$$

$$18 \div 3 = 6$$

$$24 \div 4 = 6$$

$$30 \div 5 = 6$$

$$36 \div 6 = 6$$

$$42 \div 7 = 6$$

$$48 \div 8 = 6$$

$$54 \div 9 = 6$$

$$60 \div 10 = 6$$

7s

$$7 \div 7 = 1$$

$$14 \div 7 = 2$$

$$21 \div 7 = 3$$

$$28 \div 7 = 4$$

$$35 \div 7 = 5$$

$$42 \div 7 = 6$$

$$49 \div 7 = 7$$

$$56 \div 7 = 8$$

$$63 \div 7 = 9$$

$$70 \div 7 = 10$$

$$7 \div 1 = 7$$

$$14 \div 2 = 7$$

$$21 \div 3 = 7$$

$$28 \div 4 = 7$$

$$35 \div 5 = 7$$

$$42 \div 6 = 7$$

$$49 \div 7 = 7$$

$$56 \div 8 = 7$$

$$63 \div 9 = 7$$

$$70 \div 10 = 7$$

***DIVISION PRACTICE***

Count the Xs in each group. Put that number in the box. The number after the division sign tells how many rows there are. Circle rows of Xs. Count the circled groups. Put that number in the triangle.

1. $\begin{matrix} \text{X X X X} \\ \text{X X X X} \\ \text{X X X X} \end{matrix}$

$$\square \div 3 = \triangle$$

2. $\begin{matrix} \text{X X X X X} \\ \text{X X X X X} \\ \text{X X X X X} \\ \text{X X X X X} \end{matrix}$

$$\square \div 4 = \triangle$$

3. $\begin{matrix} \text{X X X X X X} \\ \text{X X X X X X} \\ \text{X X X X X X} \\ \text{X X X X X X} \\ \text{X X X X X X} \\ \text{X X X X X X} \end{matrix}$

$$\square \div 6 = \triangle$$

4. $\begin{matrix} \text{X X X X X X} \\ \text{X X X X X X} \\ \text{X X X X X X} \end{matrix}$

$$\square \div 3 = \triangle$$

5. $\begin{matrix} \text{X X X X X} \\ \text{X X X X X} \\ \text{X X X X X} \\ \text{X X X X X} \\ \text{X X X X X} \end{matrix}$

$$\square \div 5 = \triangle$$

6. $\begin{matrix} \text{X X X X X X X X} \\ \text{X X X X X X X X} \\ \text{X X X X X X X X} \\ \text{X X X X X X X X} \end{matrix}$

$$\square \div 4 = \triangle$$

For each division problem, make a rectangular array of Xs on the back of this page or use a Base 10 Counting Chart and circle the groups to find the answer.

7. $12 \div 4 = \underline{\quad}$

8. $15 \div 3 = \underline{\quad}$

9. $25 \div 5 = \underline{\quad}$

10. $6 \div 3 = \underline{\quad}$

11. $8 \div 4 = \underline{\quad}$

12. $10 \div 2 = \underline{\quad}$

13. $16 \div 4 = \underline{\quad}$

14. $18 \div 2 = \underline{\quad}$

15. Mary's class has 36 desks. They want to arrange them in 6 rows. How many desks will be in each row?

16. Jim knows it is 35 days until his birthday. How many weeks would that be?

CHALLENGE: Try these larger numbers.

a. $60 \div 3 = \underline{\quad}$

b. $80 \div 4 = \underline{\quad}$

c. $60 \div 2 = \underline{\quad}$

d. $80 \div 2 = \underline{\quad}$

e. $90 \div 3 = \underline{\quad}$



MORE DIVISION PRACTICE



Count the Xs in each group. Put that number in the box. The number after the division sign tells how many rows there are. Circle rows of Xs. Count the circled groups. Put that number in the triangle.

1. $\begin{array}{cccccc} X & X & X & X & X & \\ X & X & X & X & X & \\ X & X & X & X & X & \\ X & X & X & X & X & \\ X & X & X & X & X & \end{array}$

$$\square \div 5 = \triangle$$

2. $\begin{array}{cccccc} X & X & X & X & X & \\ X & X & X & X & X & \\ X & X & X & X & X & \\ X & X & X & X & X & \end{array}$

$$\square \div 4 = \triangle$$

3. $\begin{array}{cccc} X & X & X & X \\ X & X & X & X \\ X & X & X & X \\ X & X & X & X \\ X & X & X & X \\ X & X & X & X \end{array}$

$$\square \div 6 = \triangle$$

4. $\begin{array}{cccc} X & X & X & X \\ X & X & X & X \\ X & X & X & X \end{array}$

$$\square \div 3 = \triangle$$

Use rectangular array or Base 10 Counting Chart to find the answers.

5. $6 \div 2 = \underline{\quad}$

6. $6 \div 3 = \underline{\quad}$

7. $9 \div 3 = \underline{\quad}$

8. $4 \div 2 = \underline{\quad}$

9. $16 \div 4 = \underline{\quad}$

10. $25 \div 5 = \underline{\quad}$

11. $18 \div 2 = \underline{\quad}$

12. $27 \div 3 = \underline{\quad}$

13. $27 \div 9 = \underline{\quad}$

14. $21 \div 3 = \underline{\quad}$

15. $21 \div 7 = \underline{\quad}$

16. $12 \div 3 = \underline{\quad}$

17. $12 \div 4 = \underline{\quad}$

18. $35 \div 5 = \underline{\quad}$

19. $35 \div 7 = \underline{\quad}$

20. $36 \div 6 = \underline{\quad}$

21. In gym class, there are 16 shoes in a pile in the locker room. How many pairs of shoes are in the pile?

22. Twelve students have entered the science fair. If there are 3 students on each team, how many teams will there be?

CHALLENGE: Try these problems.

a. $180 \div 2 = \underline{\quad}$

b. $270 \div 3 = \underline{\quad}$

c. $350 \div 5 = \underline{\quad}$