



Holy Child
Summer Math
Reinforcement Packet
Entering 7th Grade

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Please print the Summer Math Reinforcement Packet. The purpose of this summer packet is to review the topics you have already mastered in math and to make sure that you are prepared for the class you are about to enter in September.

Complete pages 7 through 22 the **odd problems**.

It is a good idea to look through the directions in the “How To” Help Pages before completing the associated skill.

If you still have questions refer to the website resource directory on page 2 for extra clarification!

On page 23 are the Multiplication Tables 1 through 12. Practice these tables over the summer to increase fluency in recall time.

The packet will be collected in September. An answer key will be posted to the website mid-August for your daughter to check her work. There will be a skills assessment at the start of the year to help us accurately gauge each student’s math knowledge and plan accordingly.

Websites for Math Reference

1. Virtual Nerd - www.virtualnerd.com

Go to [Grades 6-8 Math](#)

Enter a keyword for what you are referencing e.g. Add decimals

You should be directed to a video that will explain how to add decimals.

2. Khan Academy www.khanacademy.org

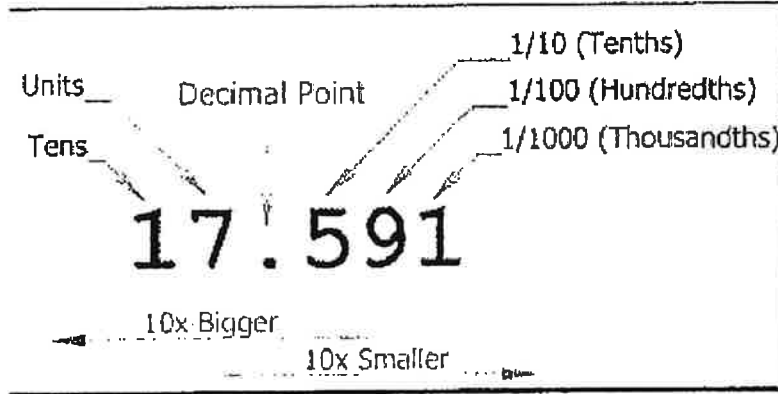
3. <http://www.mathisfun.com>

4. www.mathatube.com

There are also many other helpful videos and sites that will explain how to perform the necessary skill.

DECIMALS

Decimals: add, subtract, multiply, and divide



Vocabulary:

SUM - add

DIFFERENCE - subtract

PRODUCT - multiply

QUOTIENT - divide

When **adding OR subtracting decimal** numbers, you must...
LINE UP THE DECIMAL POINT!

1. Write numbers vertically and line up the decimal points.
2. Fill in empty place values with ZEROS.
3. Add or subtract, as if they were whole numbers.
4. Decimal point comes straight down into your answer.

EXAMPLES

1) $35.43 + 121.9$

$$\begin{array}{r} 35.43 \\ + 121.9 \\ \hline \end{array}$$

↑
Line up decimal pt.

$$\begin{array}{r} 35.43 \\ + 121.90 \\ \hline \end{array}$$

↑
Fill in zeros.

$$\begin{array}{r} 35.43 \\ + 121.90 \\ \hline 157.33 \end{array}$$

↑
Decimal straight down.

2) $74.28 - 9.516$

$$\begin{array}{r} 74.28 \\ - 9.516 \\ \hline \end{array}$$

↑
Line up decimal pt.
Bigger number on top.

$$\begin{array}{r} 74.280 \\ - 9.516 \\ \hline \end{array}$$

↑
Fill in zeros.

$$\begin{array}{r} 74.280 \\ - 9.516 \\ \hline 64.764 \end{array}$$

↑
Decimal straight down.
Borrow when necessary.

MULTIPLY DECIMALS

Example:

Multiply 3.1×5.06 .

Step 1: Multiply the numbers, ignoring the decimal point.

$$\begin{array}{r}
 506 \\
 \times 31 \\
 \hline
 506 \\
 +15180 \\
 \hline
 15686
 \end{array}$$

Step 2: In 3.1 , there is 1 place to the right of the decimal point. In 5.06 , there are 2. So, since $1 + 2 = 3$, move in 3 decimal places from the right in your answer.

$$15. \underline{6} \underline{8} \underline{6}$$

You can check that this is reasonable. 3.1 is close to 3 , and 5.06 is close to 5 , so we expect an answer close to 15 . And we got one!

DIVIDE DECIMALS

Example:

Divide.

$$0.45 \div 3.6$$

Step 1: Since the divisor is greater than the dividend, we will get an answer less than 1. Since 0.45 is about one tenth as big as 3.6, we expect an answer close to 0.1.

Step 2: The divisor is not a whole number, so move the decimal point one place to the right to make it a whole number. Move the decimal point in the dividend one place to the right also.

$$36 \overline{)4.5}$$

Step 3: Divide normally, adding extra zeros to the right of 4.5 when you run out.

$$\begin{array}{r} 125 \\ 36 \overline{)4.500} \\ \underline{36} \\ 90 \\ \underline{72} \\ 180 \\ \underline{180} \\ 0 \end{array}$$

Step 4: Put the decimal point in the quotient directly above the decimal point in the dividend

$$\begin{array}{r} 0.125 \\ 36 \overline{)4.500} \\ \underline{36} \\ 90 \\ \underline{72} \\ 180 \\ \underline{180} \\ 0 \end{array}$$

We get 0.125.

Step 5: Compare with your initial estimate. 0.125 is close to 0.1, so we're good!

FRACTIONS

Adding & Subtracting Mixed Numbers

1. Change all mixed numbers to improper fractions.
2. Express fractions using a **common denominator** – make equivalent fractions if need be
3. Add or subtract the numerators
4. Keep the denominator.
4. Simplify your answer. Express as a mixed number if necessary.

Multiplying Mixed Numbers

You don't have to find a common denominator. Just follow these easy steps:

1. Convert all mixed numbers to improper fractions.
2. Cross cancel if you can
3. Multiply the numerators.
4. Multiply the denominators.
5. Simplify your final answer. Express as a mixed number if necessary.

Dividing Mixed Numbers

You don't have to find a common denominator. Just follow these easy steps:

1. Convert all mixed numbers to improper fractions.
2. Keep the first fraction
3. Change the division sign to a multiplication sign
4. Use the reciprocal of the second fraction
5. Cross cancel if you can
6. Multiply the numerators.
7. Multiply the denominators.
8. Simplify your final answer. Express as a mixed number if necessary.

Look Out: always flip the **second** fraction, not the first!

Ones	Tenths	Hundredths	Thousandths
2	3	6	9

- *Standard form:* 2.369
- To find the value of a digit, multiply the digit by its place value.
9 stands for 9×0.001 or 0.009
- *Expanded form:*
 $2.369 = 2 + 0.3 + 0.06 + 0.009$

7.

2 and 369 thousandths

Write each decimal in expanded form.

1. 3.6

2. 4.72

3. 1.283

4. 21.5

5. 7.03

6. 15.308

7. 32.27

8. 6.475

Write each decimal in words.

9. 0.2

10. 0.15

11. 0.29

12. 0.11

13. 0.60

14. 0.9

15. 0.50

16. 0.4

17. 0.37

Write each decimal in standard form.

18. seven tenths

19. one tenth

20. four hundredths

21. seven hundredths

22. twenty-two hundredths

23. forty-six hundredths

24. eighty hundredths

25. thirty hundredths

26. three hundredths

Find each sum or difference.

1. $6.3 + 2.9$

2. $18.75 - 3.99$

3. $1.26 + 3.93$

4. $14.72 + 35.18$

5. $10.6 - 4.8$

6. $5.8 + 7$

7. $93 - 22.98$

8. $48.87 - 31.04$

Use the order of operations to find each value.

9. $5 \times 9 - 22.41$

10. $68.39 - 36.8 + 28$

11. $9 \div (3.6 - 2.1)$

12. $11.2 + 4 \times 5$

13. **CHECKING ACCOUNT** Tito has a current balance of \$215.98 in his checking account. What will his balance be after he deposits a check for \$15.52?

14. **LUNCH** The table shows the prices 3 girls paid for lunch. How much more did Paulina spend than Nita?

Name	Amount Spent on Lunch (\$)
Paulina	6.51
Concretia	5.92
Nita	4.27

Estimate each product.

1. 4.7×5.2

2. 7.1×2.1

3. 32.9×9.8

4. 72.7×19.8

5. 25.4×48.6

6. 29.6×29.6

7. 5.2×6

8. 26.4×3.4

9. 75.8×12

10. 8.9×11

11. 42.4×2

12. 16.7×13.1

13.
$$\begin{array}{r} 11.5 \\ \times 58.5 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 78.4 \\ \times 21.5 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 32.1 \\ \times 18.1 \\ \hline \end{array}$$

16. **SPEED** A car moving at 35 miles per hour travels a distance of 51.3 feet each second. About how far does the car travel in 7.1 seconds?

17. **DINING OUT** The prices for a complete meal at a local restaurant average about \$7.75 per person. About how much would a family of six expect to pay for a meal?

Use estimation to determine whether each answer is reasonable. If the answer is reasonable, write *yes*. If not, write *no* and provide a reasonable estimate.

18. $48.6 \times 6.7 = 125.62$

19. $3.7 \times 8.2 \times 5.5 = 166.87$

Multiply.

1. 0.3×0.9

2. 2.6×1.7

3. 1.09×5.4

4. 17.2×12.86

5. 0.56×0.03

6. 4.9×0.02

7. 2.07×2.008

8. 26.02×2.006

9. 4.68×0.034

10. 2.9×4.05

11. **MINING** A mine produces 42.5 tons of coal per hour. How much coal will the mine produce in 9.5 hours?
12. **SHOPPING** Ms. Morgan bought 3.5 pounds of bananas at \$0.51 a pound and 4.5 pounds of pineapple at \$1.19 a pound. How much did she pay for the bananas and pineapple?

Estimate each quotient.

1. $121.6 \div 43.5$

2. $69.1 \div 10.7$

3. $38.9 \div 13.1$

4. $435.8 \div 88.6$

5. $52.7 \div 9.2$

6. $75.6 \div 15.3$

7. $43.2 \div 3.9$

8. $88.8 \div 10.1$

9. $93.6 \div 23.5$

10. $511.1 \div 247.3$

11. $205.4 \div 48.6$

12. $316.9 \div 327.5$

13. $11.5 \overline{)56.7}$

14. $21.8 \overline{)82.3}$

15. $9.2 \overline{)46.8}$

16. **MONEY** Mr. Briggs paid \$582.40 for a set of four tires for his truck. About how much was the cost per tire?

17. **CHECKERS** Annika bought 9 checker sets for her checkers club. She paid \$87.84 before tax. About how much did each checker set cost?

Use estimation to determine whether each answer is reasonable. If the answer is reasonable, write *yes*. If not, write *no* and provide a reasonable estimate.

18. $82.1 \div 7.8 = 19.1$

19. $769.5 \div 142.5 = 5.4$

Divide.

1. $12.92 \div 3.4$

2. $22.47 \div 0.7$

3. $0.025 \div 0.5$

4. $7.224 \div 0.08$

5. $0.855 \div 9.5$

6. $0.9 \div 0.12$

7. $3.0084 \div 0.046$

8. $0.0868 \div 0.007$

9. $14.43 \div 0.39$

10. **WHALES** After its first day of life, a baby blue whale started growing. It grew 47.075 inches. If the average baby blue whale grows at a rate of 1.5 inches a day, for how many days did the baby whale grow, to the nearest tenth of a day?
11. **LIZARDS** The two largest lizards in the United States are the Gila Monster and the Chuckwalla. The average Gila Monster is 0.608 meter long. The average Chuckwalla is 0.395 meter long. How many times as long is the Gila Monster as the Chuckwalla, to the nearest hundredth?

Find each product.

- | | | |
|--------------------------|--------------------------|--------------------------|
| 1. 0.44×10 | 2. 7.86×100 | 3. 93.6×1 |
| 4. $0.777 \times 1,000$ | 5. 25.4×10 | 6. $5.58 \times 1,000$ |
| 7. 0.6×0.01 | 8. 5.87×0.01 | 9. 2.1×0.1 |
| 10. 53.46×0.001 | 11. 0.007×0.1 | 12. 781.5×0.001 |
| 13. 0.51×100 | 14. $6.113 \times 1,000$ | 15. 29.5×0.01 |

Write each number in standard form.

16. **POPULATION** In 2006, the estimated population of metropolitan Jacksonville, Florida, was 1.30 million people.

17. **SCIENCE** The planet Venus is 67.24 million miles from the Sun.

ALGEBRA Evaluate each expression if $d = 10$, $f = 0.01$, and $g = 0.1$.

18. $1.5f$

19. $0.022 \times d^3$

20. $38.4 \times g$

21. **MONEY** Mr. and Mrs. Sanchez decided to have their daughter's wedding reception catered. The cost is \$21.60 per person. What will be the cost for a reception of 100 guests?

22. **ELECTRICITY** The electric company places an additional fuel charge on consumers' monthly electric bills. This charge is one hundredth of the regular charges. What is the additional fuel charge for a bill of \$162.00?

Find each quotient.

1. $54.21 \div 1,000$

2. $815 \div 100$

3. $3.123 \div 100$

4. $0.47 \div 1,000$

5. $18.76 \div 0.01$

6. $233.5 \div 0.1$

7. $0.89 \div 0.1$

8. $7.8 \div 0.001$

9. $1.16 \div 0.1$

10. $96.3 \div 100$

11. $1.7 \div 1,000$

12. $6.2 \div 0.01$

ALGEBRA Evaluate each expression if $a = 10$, $b = 0.01$, and $c = 0.1$.

13. $56 \div b$

14. $3.8 \div a$

15. $921 \div c$

16. **MARATHON** When Ethan won the local youth marathon, he ran 10 miles in 104 minutes. How many minutes per mile is this?

Add or subtract. Write in simplest form.

1. $3\frac{3}{5} + 2\frac{1}{10}$

2. $7\frac{1}{8} + 5\frac{3}{4}$

3. $4\frac{2}{3} + 1\frac{1}{3}$

4. $3\frac{3}{4} - 2\frac{1}{3}$

5. $2\frac{11}{16} - \frac{3}{8}$

6. $8 - 4\frac{4}{5}$

7. $12 - 1\frac{2}{7}$

8. $2\frac{1}{2} + 9\frac{1}{8}$

9. $4\frac{3}{4} + 6\frac{1}{6} - 8$

10. $3\frac{1}{9} + 2\frac{2}{9} + 4\frac{1}{3}$

11. **RUGS** Rhett bought a rug that is $5\frac{5}{16}$ feet wide and $8\frac{7}{16}$ feet long. How much greater is the length than the width?

12. **MILK** The table shows how much milk Mrs. Zapchenk's child drank during the day. Find the total amount of milk that the child drank.

Time	Milk (oz)
8 A.M.	$10\frac{1}{2}$
12 P.M.	$8\frac{1}{4}$
6 P.M.	$6\frac{1}{12}$

13. **SEWING** Merin hemmed a skirt she had bought that was too long. When she bought the skirt, it was $20\frac{5}{8}$ inches long. She shortened it $2\frac{3}{16}$ inches. How long is the skirt now?

14. **CLASS PERIODS** Ramey Junior High School has 6 hours of class time in a school day. If $3\frac{7}{12}$ hours are over, how many hours of class time are still left in the day?

Multiply. Write in simplest form.

1. $\frac{4}{5} \times 3\frac{1}{8}$

2. $\frac{9}{10} \times 3\frac{1}{3}$

3. $1\frac{3}{5} \times \frac{3}{5}$

4. $2\frac{5}{8} \times \frac{2}{3}$

5. $\frac{2}{3} \times 3\frac{1}{4}$

6. $\frac{3}{4} \times 2\frac{2}{3}$

7. $1\frac{1}{4} \times 2\frac{2}{3}$

8. $5\frac{1}{3} \times 2\frac{1}{4}$

9. $2\frac{1}{5} \times 1\frac{1}{4}$

10. $6\frac{4}{5} \times 1\frac{2}{3}$

11. $3\frac{3}{7} \times 5\frac{1}{8}$

12. $8\frac{3}{4} \times 4\frac{1}{5}$

13. $\frac{2}{9} \times \frac{3}{4} \times 2\frac{1}{4}$

14. $5\frac{1}{2} \times 3\frac{1}{3} \times \frac{1}{6}$

15. $1\frac{1}{2} \times 2\frac{1}{6} \times 1\frac{1}{5}$

16. **LUMBER** A lumber yard has a scrap sheet of plywood that is $23\frac{3}{4}$ inches by $41\frac{1}{5}$ inches. What is the area of the plywood?

17. **LANDSCAPING** A planter box in the city plaza measures $3\frac{2}{3}$ feet by $4\frac{1}{8}$ feet by $2\frac{1}{2}$ feet. Find the volume of the planter box.

Divide. Write in simplest form.

1. $2 \div 3\frac{2}{3}$

2. $10 \div 1\frac{1}{4}$

3. $4\frac{3}{4} \div \frac{7}{8}$

4. $1\frac{15}{16} \div \frac{7}{8}$

5. $7\frac{1}{2} \div 1\frac{1}{4}$

6. $3\frac{3}{8} \div 2\frac{1}{4}$

7. $2\frac{1}{10} \div 1\frac{1}{5}$

8. $4\frac{1}{2} \div 2\frac{7}{10}$

9. **HURRICANES** Suppose a hurricane traveled 130 miles from a point in the Atlantic Ocean to the Florida coastline in $6\frac{1}{2}$ hours. How many miles per hour did the hurricane travel?

10. **PIPES** How many $\frac{3}{4}$ -foot lengths of pipe can be cut from a $6\frac{1}{3}$ -foot pipe?

11. **TRUCKING** A truck driver drove 300 miles in $6\frac{3}{4}$ hours. How many miles per hour did the driver drive?

12. **BAKING** A bag contain $22\frac{1}{2}$ cups of flour. A recipe for pancakes uses $1\frac{1}{4}$ cups of flour. How many servings of pancakes can be made with one bag of flour?

Exponents

An *exponent* tells how many times a number is used as a factor.

$3 \times 3 \times 3 \times 3$ shows the number 3 is used as a factor 4 times.

$3 \times 3 \times 3 \times 3$ can be written 3^4 .

In 3^4 , 3 is the *base* and 4 is the *exponent*.

Read 3^4 as "three to the fourth power."

- To *simplify* a power, first write it as a product.

$$2^5 = 2 \times 2 \times 2 \times 2 \times 2 = 32$$

- When you simplify expressions with exponents, do all operations inside parentheses first. Then simplify the powers.

$$\begin{aligned} \text{Example: } 30 - (2 + 3)^2 &= 30 - 5^2 \\ &= 30 - 25 \\ &= 5 \end{aligned}$$

Order of Operations

To find the value of an expression follow the *order of operations*.

First, do all operations inside parentheses.

Next, multiply and divide from left to right.

Then, add and subtract from left to right.

Example 1 Find the value of $6 + (3 + 4) \times 2$.

① Work inside parentheses. $\rightarrow (3 + 4) = 7$
 $6 + 7 \times 2$

② Multiply next. $\rightarrow 7 \times 2 = 14$
 $6 + 14$

③ Then, add.
 $6 + 14 = 20$

Example 2 Compare $10 - (6 \div 2) + 1$ and $(10 - 6) \div 2 + 1$.

First, find the value of each expression.

$10 - (6 \div 2) + 1$	$(10 - 6) \div 2 + 1$
$10 - 3 + 1$	$4 \div 2 + 1$
$7 + 1$	$2 + 1$
8	3

Then, use $<$, $=$, or $>$ to compare.

$8 > 3$

So,

$10 - (6 \div 2) + 1 > (10 - 6) \div 2 + 1$.

Solve each expression using the correct order of operations.

19,

$$2^3 \times (8 + 4 - 10)$$

$$2 \times (3^3 - 5 + 8)$$

$$(3 \times 2^2) \div (6 - 4)$$

$$3^3 \times (6 + 2 - 8)$$

$$(3^2 - 8 + 2) \times 4$$

$$(9^2 - 8 + 2) \div 5$$

$$(3 + 5^2 - 8) \times 4$$

$$(2^3 + 4) \div (9 - 6)$$

$$(6 - 2^2 + 5) \times 8$$

$$(2^3 + 8 - 4) \div 3$$

Instructions: Write an algebraic expression for each phrase.

a number decreased by ninety-two _____

the sum of eighty-nine and a number _____

a number added to thirty-six _____

the sum of a number and twenty-six _____

the difference between forty-six and a number _____

the sum of a number and forty-three _____

the quotient of twenty and a number _____

a number increased by sixty-five _____

the sum of seventy and a number _____

a number increased by eighteen _____

fifty-five times a number _____

fourteen times a number _____

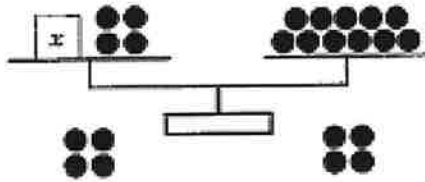
a number increased by sixty-five _____

the sum of fifty-two and a number _____

seventy-five more than a number _____

Addition Equations

There are 4 more than needed to fill the x box.



$$x + 4 = 11$$

To *solve* this equation, find the value of x that makes the scales balance.

Since 4 is added to x , subtract 4 from both sides.

$$\begin{aligned} x + 4 &= 11 \\ x + 4 - 4 &= 11 - 4 \\ x &= 7 \end{aligned}$$

The *solution* to the equation is $x = 7$.

Subtraction Equations

$$r - 3 = 9$$

To *solve* this equation, find the value of r .

Since 3 is subtracted from r , add 3 to both sides.

$$\begin{aligned} r - 3 &= 9 \\ r - 3 + 3 &= 9 + 3 \\ r &= 12 \end{aligned}$$

The *solution* to the equation is $r = 12$.

21.

Solve each equation.

1. $a + 15 = 31$

$$a + 15 - \underline{\quad} = 31 - \underline{\quad}$$

$$a = \underline{\quad}$$

2. $5 = x - 20$

$$5 + \underline{\quad} = x - 20 + \underline{\quad}$$

$$\underline{\quad} = x$$

3. $19 + t = 51$

4. $p - 11 = 12$

5. $60 = n + 30$

6. $71 = b - 29$

7. $86 + m = 107$

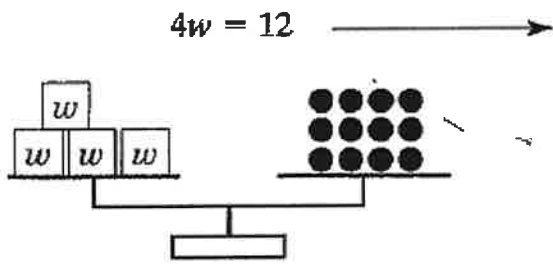
8. $w + 349 = 761$

9. $50 - y = 30$

10. $d - 125 = 75$

11. A car dealer purchased a car for \$2,000 and then sold it for \$3,200. Write and solve an equation to find the profit.

What value of w makes the scales balance?



To solve the multiplication sentence, use division.

$$4w = 12$$

$$4w \div 4 = 12 \div 4 \leftarrow \text{Divide both sides by 4.}$$

$$w = 3$$

The solution is $w = 3$.

To solve a division sentence, use multiplication.

$$y \div 3 = 7$$

$$y \div 3 \times 3 = 7 \times 3 \leftarrow \text{Multiply both sides by 3.}$$

$$y = 21$$

The solution is $y = 21$.

State whether the number given is a solution to the equation.

1. $3g = 36; g = 12$

2. $t \div 8 = 2; t = 4$

3. $h \div 7 = 21; h = 3$

4. $18 = 3m; m = 6$

5. $6a = 18; a = 3$

6. $36 = r \div 9; r = 4$

Solve each equation.

7. $12 = 4y$

$12 \div \underline{\hspace{1cm}} = 4y \div \underline{\hspace{1cm}}$

$\underline{\hspace{1cm}} = y$

8. $n \div 9 = 4$

$n \div 9 \times \underline{\hspace{1cm}} = 4 \times \underline{\hspace{1cm}}$

$n = \underline{\hspace{1cm}}$

9. $23n = 115$

10. $z \div 9 = 9$

11. $48 = 12h$

12. $10w = 150$

13. $34 = t \div 14$

14. $105 = 21t$

15. $64 = e \div 9$

16. $8y = 32$

17. $22 = t \div 4$

18. $3s = 66$

19. $21 = b \div 2$

20. $15n = 45$

2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
2 x 11 = 22
2 x 12 = 24

3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36

4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
4 x 11 = 44
4 x 12 = 48

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
5 x 11 = 55
5 x 12 = 60

6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
6 x 11 = 66
6 x 12 = 72

7 x 1 = 7
7 x 2 = 14
7 x 3 = 21
7 x 4 = 28
7 x 5 = 35
7 x 6 = 42
7 x 7 = 49
7 x 8 = 56
7 x 9 = 63
7 x 10 = 70
7 x 11 = 77
7 x 12 = 84

8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
8 x 11 = 88
8 x 12 = 96

9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90
9 x 11 = 99
9 x 12 = 108

10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50

11 x 1 = 11
11 x 2 = 22
11 x 3 = 33
11 x 4 = 44
11 x 5 = 55

12 x 1 = 12
12 x 2 = 24
12 x 3 = 36
12 x 4 = 48
12 x 5 = 60