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## 6th Grade Summer Math Practice

It's summer! Time to refresh those important skills from grade 5 before you begin the 6<sup>th</sup> grade adventure. After you finish each section of the assignment, rate yourself on your understanding by circling the appropriate number of stars.

Key	
★★★★★	"I excel at this and can teach others."
★★★★★	"I can totally do this by myself."
★★★	"I understand how to do it but have some still have some questions."
★★	"I don't know if my answers are correct."
★	"I am just not sure."
-	"What. Is. This?!"

Circle the appropriate star level for you:

1) Multi-digit Multiplication: ★★★★★

2) Division: ★★★★★

3) Division with Partial Quotients: ★★★★★

4) Patterns: ★★★★★

5) Converting Improper fractions to Mixed Numbers: ★★★★★

6) Knowing Place Value: ★★★★★

7) Multiplication Facts: ★★★★★



Solve each problem.

$$\begin{array}{r} 1) \quad 950 \\ \times \quad 85 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 590 \\ \times \quad 79 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 453 \\ \times \quad 94 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 985 \\ \times \quad 47 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 467 \\ \times \quad 99 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 190 \\ \times \quad 94 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 627 \\ \times \quad 75 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 314 \\ \times \quad 82 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 118 \\ \times \quad 40 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 317 \\ \times \quad 97 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 373 \\ \times \quad 60 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 508 \\ \times \quad 93 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 577 \\ \times \quad 64 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 747 \\ \times \quad 65 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 365 \\ \times \quad 27 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 442 \\ \times \quad 58 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 721 \\ \times \quad 60 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 354 \\ \times \quad 67 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 378 \\ \times \quad 45 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 791 \\ \times \quad 45 \\ \hline \end{array}$$

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_



Solve each problem.

$$\begin{array}{r} 1) \quad 572 \\ \times \quad 36 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 879 \\ \times \quad 74 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 765 \\ \times \quad 51 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 368 \\ \times \quad 20 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 583 \\ \times \quad 34 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 143 \\ \times \quad 29 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 787 \\ \times \quad 74 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 739 \\ \times \quad 76 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 784 \\ \times \quad 32 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 441 \\ \times \quad 91 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 436 \\ \times \quad 85 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 682 \\ \times \quad 47 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 950 \\ \times \quad 96 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 647 \\ \times \quad 56 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 387 \\ \times \quad 62 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 870 \\ \times \quad 91 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 856 \\ \times \quad 25 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 537 \\ \times \quad 82 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 416 \\ \times \quad 72 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 180 \\ \times \quad 94 \\ \hline \end{array}$$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



Fill in the blanks for each problem.

$30 \div 10 = \underline{\quad}$

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

$32 \div 8 = \underline{\quad}$

$4 \div 4 = \underline{\quad}$

$54 \div 9 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

$24 \div 8 = \underline{\quad}$

$72 \div 8 = \underline{\quad}$

$80 \div 8 = \underline{\quad}$

$36 \div 9 = \underline{\quad}$

$5 \div 5 = \underline{\quad}$

$12 \div 6 = \underline{\quad}$

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

$16 \div 8 = \underline{\quad}$

$20 \div 4 = \underline{\quad}$

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

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

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

$56 \div 7 = \underline{\quad}$

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

$20 \div 2 = \underline{\quad}$

$8 \div 1 = \underline{\quad}$

$49 \div 7 = \underline{\quad}$

$48 \div 8 = \underline{\quad}$

$100 \div 10 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$16 \div 2 = \underline{\quad}$

$24 \div 6 = \underline{\quad}$

$18 \div 6 = \underline{\quad}$

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

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

$28 \div 7 = \underline{\quad}$

$48 \div 6 = \underline{\quad}$

$80 \div 10 = \underline{\quad}$

$90 \div 9 = \underline{\quad}$

$40 \div 8 = \underline{\quad}$

$90 \div 10 = \underline{\quad}$

$7 \div 7 = \underline{\quad}$

$60 \div 10 = \underline{\quad}$

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

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

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

$81 \div 9 = \underline{\quad}$

$7 \div 1 = \underline{\quad}$

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

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

$8 \div 8 = \underline{\quad}$

$70 \div 10 = \underline{\quad}$

$70 \div 7 = \underline{\quad}$

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

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

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

$36 \div 4 = \underline{\quad}$

$5 \div 1 = \underline{\quad}$

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

$45 \div 5 = \underline{\quad}$

$63 \div 7 = \underline{\quad}$

$18 \div 9 = \underline{\quad}$

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

$18 \div 3 = \underline{\quad}$

$30 \div 5 = \underline{\quad}$

$15 \div 5 = \underline{\quad}$

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

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

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

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

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

$20 \div 10 = \underline{\quad}$

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

$50 \div 10 = \underline{\quad}$

$2 \div 2 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

$63 \div 9 = \underline{\quad}$

$42 \div 6 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

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

$72 \div 9 = \underline{\quad}$

$24 \div 4 = \underline{\quad}$

$28 \div 4 = \underline{\quad}$

$30 \div 3 = \underline{\quad}$

$60 \div 6 = \underline{\quad}$

$3 \div 1 = \underline{\quad}$

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

$2 \div 1 = \underline{\quad}$

$4 \div 1 = \underline{\quad}$

$40 \div 4 = \underline{\quad}$

$20 \div 5 = \underline{\quad}$

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

$54 \div 6 = \underline{\quad}$

$45 \div 9 = \underline{\quad}$

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

$42 \div 7 = \underline{\quad}$

$64 \div 8 = \underline{\quad}$

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

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

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

$24 \div 3 = \underline{\quad}$

$40 \div 5 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$



Solve each problem.

1)  $4 \overline{) 659}$

2)  $8 \overline{) 267}$

3)  $9 \overline{) 205}$

4)  $7 \overline{) 535}$

5)  $5 \overline{) 602}$

6)  $2 \overline{) 791}$

7)  $4 \overline{) 369}$

8)  $6 \overline{) 226}$

9)  $2 \overline{) 103}$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_



Determine the number that correctly fills in the blank in the function machine.

Answers

1)

Input	Output
36	37
55	
69	70
14	15
48	49

2)

Input	Output
31	21
74	64
94	84
95	85
18	

3)

Input	Output
3	
4	20
8	40
5	25
10	50

4)

Input	Output
18	
12	4
30	10
24	8
9	3

5)

Input	Output
55	70
29	44
	91
24	39
56	71

6)

Input	Output
103	
61	56
25	20
42	37
80	75

7)

In	3	5	10	2	8
Out	18	30	60	12	

8)

In		4	18	16	10
Out	7	2	9	8	5

9)

In		86	78	40	52
Out	59	92	84	46	58

10)

In	41	74	65	15	47
Out	28		52	2	34

11)

In	7	6		10	3
Out	49	42	56	70	21

12)

In	40	80	100	20	
Out	4	8	10	2	9

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Find the rule the pattern is using.

Ex) 8, 24, 72, 216      Rule = Multiply 3

1) 11, 9, 7, 5, 3      Rule = \_\_\_\_\_

2) 52, 43, 34, 25, 16, 7      Rule = \_\_\_\_\_

3) 64, 54, 44, 34, 24, 14, 4      Rule = \_\_\_\_\_

4) 3, 13, 23, 33, 43      Rule = \_\_\_\_\_

5) 9, 18, 27, 36, 45      Rule = \_\_\_\_\_

6) 512, 128, 32, 8, 2      Rule = \_\_\_\_\_

7) 7, 21, 63, 189      Rule = \_\_\_\_\_

8) 1125, 225, 45, 9      Rule = \_\_\_\_\_

9) 10, 13, 16, 19, 22      Rule = \_\_\_\_\_

10) 8, 16, 32, 64      Rule = \_\_\_\_\_

11) 448, 112, 28, 7      Rule = \_\_\_\_\_

12) 5, 20, 80, 320, 1280      Rule = \_\_\_\_\_

13) 29, 26, 23, 20, 17, 14, 11, 8      Rule = \_\_\_\_\_

14) 375, 75, 15, 3      Rule = \_\_\_\_\_

15) 3, 9, 15, 21, 27      Rule = \_\_\_\_\_

**Answers**

Ex. Multiply 3

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Converting Improper Fractions to Mixed Numbers

1)  $\frac{13}{2} =$  \_\_\_\_\_

2)  $\frac{64}{9} =$  \_\_\_\_\_

3)  $\frac{38}{5} =$  \_\_\_\_\_

4)  $\frac{46}{6} =$  \_\_\_\_\_

5)  $\frac{22}{3} =$  \_\_\_\_\_

6)  $\frac{33}{8} =$  \_\_\_\_\_

7)  $\frac{33}{6} =$  \_\_\_\_\_

8)  $\frac{15}{6} =$  \_\_\_\_\_

9)  $\frac{51}{8} =$  \_\_\_\_\_

10)  $\frac{22}{10} =$  \_\_\_\_\_

11)  $\frac{24}{10} =$  \_\_\_\_\_

12)  $\frac{56}{10} =$  \_\_\_\_\_

13)  $\frac{25}{7} =$  \_\_\_\_\_

14)  $\frac{11}{5} =$  \_\_\_\_\_

15)  $\frac{10}{4} =$  \_\_\_\_\_

### Converting Mixed Numbers to Improper Fractions

1)  $7\frac{1}{2} =$  \_\_\_\_\_

2)  $3\frac{3}{7} =$  \_\_\_\_\_

3)  $3\frac{1}{2} =$  \_\_\_\_\_

4)  $5\frac{1}{2} =$  \_\_\_\_\_

5)  $5\frac{8}{9} =$  \_\_\_\_\_

6)  $4\frac{1}{9} =$  \_\_\_\_\_

7)  $9\frac{1}{2} =$  \_\_\_\_\_

8)  $6\frac{1}{3} =$  \_\_\_\_\_

9)  $9\frac{2}{3} =$  \_\_\_\_\_

10)  $9\frac{1}{7} =$  \_\_\_\_\_

11)  $3\frac{2}{5} =$  \_\_\_\_\_

12)  $7\frac{1}{4} =$  \_\_\_\_\_

13)  $7\frac{1}{2} =$  \_\_\_\_\_

14)  $3\frac{3}{4} =$  \_\_\_\_\_

15)  $9\frac{7}{10} =$  \_\_\_\_\_



Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Converting Improper Fractions to Mixed Numbers

1)  $\frac{14}{4} =$  \_\_\_\_\_

2)  $\frac{56}{9} =$  \_\_\_\_\_

3)  $\frac{44}{7} =$  \_\_\_\_\_

4)  $\frac{22}{7} =$  \_\_\_\_\_

5)  $\frac{53}{8} =$  \_\_\_\_\_

6)  $\frac{18}{5} =$  \_\_\_\_\_

7)  $\frac{44}{6} =$  \_\_\_\_\_

8)  $\frac{33}{12} =$  \_\_\_\_\_

9)  $\frac{9}{2} =$  \_\_\_\_\_

10)  $\frac{31}{11} =$  \_\_\_\_\_

11)  $\frac{16}{6} =$  \_\_\_\_\_

12)  $\frac{37}{6} =$  \_\_\_\_\_

13)  $\frac{14}{4} =$  \_\_\_\_\_

14)  $\frac{35}{9} =$  \_\_\_\_\_

15)  $\frac{23}{10} =$  \_\_\_\_\_

### Converting Mixed Numbers to Improper Fractions

1)  $5\frac{4}{5} =$  \_\_\_\_\_

2)  $5\frac{1}{4} =$  \_\_\_\_\_

3)  $2\frac{1}{3} =$  \_\_\_\_\_

4)  $9\frac{2}{3} =$  \_\_\_\_\_

5)  $3\frac{1}{2} =$  \_\_\_\_\_

6)  $5\frac{11}{12} =$  \_\_\_\_\_

7)  $6\frac{1}{10} =$  \_\_\_\_\_

8)  $8\frac{2}{5} =$  \_\_\_\_\_

9)  $6\frac{7}{8} =$  \_\_\_\_\_

10)  $7\frac{2}{3} =$  \_\_\_\_\_

11)  $4\frac{2}{5} =$  \_\_\_\_\_

12)  $5\frac{1}{7} =$  \_\_\_\_\_

13)  $2\frac{2}{3} =$  \_\_\_\_\_

14)  $8\frac{1}{8} =$  \_\_\_\_\_

15)  $6\frac{5}{11} =$  \_\_\_\_\_



Determine which choice best answers each question.

Answers

- |  |  |           |
|--|--|-----------|
| <p>1) Which is the place value of the 7 in the number 634,278?</p> <p>A. hundreds<br/>B. thousands<br/>C. ones<br/>D. tens</p>                       | <p>2) Which is the place value of the 1 in the number 184,735?</p> <p>A. ten thousands<br/>B. tens<br/>C. thousands<br/>D. hundred thousands</p> | 1. _____  |
| <p>3) Which is the place value of the 4 in the number 497,162?</p> <p>A. hundred thousands<br/>B. ten thousands<br/>C. thousands<br/>D. hundreds</p> | <p>4) Which is the place value of the 4 in the number 4,269?</p> <p>A. thousands<br/>B. tens<br/>C. hundreds<br/>D. ones</p>                     | 2. _____  |
| <p>5) Which is the place value of the 4 in the number 61,482?</p> <p>A. ones<br/>B. hundreds<br/>C. tens<br/>D. ten thousands</p>                    | <p>6) Which is the place value of the 9 in the number 9,231,478?</p> <p>A. hundred thousands<br/>B. tens<br/>C. millions<br/>D. ones</p>         | 3. _____  |
| <p>7) Which is the place value of the 6 in the number 35,968?</p> <p>A. hundreds<br/>B. thousands<br/>C. ones<br/>D. tens</p>                        | <p>8) Which is the place value of the 9 in the number 4,971,683?</p> <p>A. hundred thousands<br/>B. hundreds<br/>C. tens<br/>D. ones</p>         | 4. _____  |
| <p>9) Which is the place value of the 8 in the number 68,975?</p> <p>A. tens<br/>B. thousands<br/>C. hundreds<br/>D. ten thousands</p>               | <p>10) Which is the place value of the 4 in the number 427,835?</p> <p>A. ones<br/>B. tens<br/>C. thousands<br/>D. hundred thousands</p>         | 5. _____  |
| <p>11) Which is the place value of the 9 in the number 179,543?</p> <p>A. tens<br/>B. hundreds<br/>C. thousands<br/>D. hundred thousands</p>         | <p>12) Which is the place value of the 3 in the number 6,235?</p> <p>A. thousands<br/>B. ones<br/>C. hundreds<br/>D. tens</p>                    | 6. _____  |
|  |  | 7. _____  |
|  |  | 8. _____  |
|  |  | 9. _____  |
|  |  | 10. _____ |
|  |  | 11. _____ |
|  |  | 12. _____ |



Solve each problem.

- 1) What is the value of the 8 in the number 89?
- 2) What is the value of the 6 in the number 4,896,351?
- 3) What is the value of the 3 in the number 65,132?
- 4) What is the value of the 9 in the number 592?
- 5) What is the value of the 9 in the number 3,591?
- 6) What is the value of the 4 in the number 5,942?
- 7) What is the value of the 7 in the number 34,795?
- 8) What is the value of the 1 in the number 7,491,285?
- 9) What is the value of the 6 in the number 67,328?
- 10) What is the value of the 1 in the number 687,139?
- 11) What is the value of the 6 in the number 28,364,957?
- 12) What is the value of the 9 in the number 7,892,341?
- 13) What is the value of the 1 in the number 8,196?
- 14) What is the value of the 3 in the number 375?
- 15) What is the value of the 7 in the number 726?
- 16) What is the value of the 3 in the number 983,265?
- 17) What is the value of the 5 in the number 385,612?
- 18) What is the value of the 5 in the number 8,456?
- 19) What is the value of the 8 in the number 285,746?
- 20) What is the value of the 6 in the number 526,813?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_

Practice those multiplication facts! Team with up someone (a family member, friend, etc.) and quiz each other!!

$1 \times 1 = 1$	$2 \times 1 = 2$	$3 \times 1 = 3$	$4 \times 1 = 4$	$5 \times 1 = 5$	$6 \times 1 = 6$
$1 \times 2 = 2$	$2 \times 2 = 4$	$3 \times 2 = 6$	$4 \times 2 = 8$	$5 \times 2 = 10$	$6 \times 2 = 12$
$1 \times 3 = 3$	$2 \times 3 = 6$	$3 \times 3 = 9$	$4 \times 3 = 12$	$5 \times 3 = 15$	$6 \times 3 = 18$
$1 \times 4 = 4$	$2 \times 4 = 8$	$3 \times 4 = 12$	$4 \times 4 = 16$	$5 \times 4 = 20$	$6 \times 4 = 24$
$1 \times 5 = 5$	$2 \times 5 = 10$	$3 \times 5 = 15$	$4 \times 5 = 20$	$5 \times 5 = 25$	$6 \times 5 = 30$
$1 \times 6 = 6$	$2 \times 6 = 12$	$3 \times 6 = 18$	$4 \times 6 = 24$	$5 \times 6 = 30$	$6 \times 6 = 36$
$1 \times 7 = 7$	$2 \times 7 = 14$	$3 \times 7 = 21$	$4 \times 7 = 28$	$5 \times 7 = 35$	$6 \times 7 = 42$
$1 \times 8 = 8$	$2 \times 8 = 16$	$3 \times 8 = 24$	$4 \times 8 = 32$	$5 \times 8 = 40$	$6 \times 8 = 48$
$1 \times 9 = 9$	$2 \times 9 = 18$	$3 \times 9 = 27$	$4 \times 9 = 36$	$5 \times 9 = 45$	$6 \times 9 = 54$
$1 \times 10 = 10$	$2 \times 10 = 20$	$3 \times 10 = 30$	$4 \times 10 = 40$	$5 \times 10 = 50$	$6 \times 10 = 60$
$1 \times 11 = 11$	$2 \times 11 = 22$	$3 \times 11 = 33$	$4 \times 11 = 44$	$5 \times 11 = 55$	$6 \times 11 = 66$
$1 \times 12 = 12$	$2 \times 12 = 24$	$3 \times 12 = 36$	$4 \times 12 = 48$	$5 \times 12 = 60$	$6 \times 12 = 72$

$7 \times 1 = 7$	$8 \times 1 = 8$	$9 \times 1 = 9$	$10 \times 1 = 10$	$11 \times 1 = 11$	$12 \times 1 = 12$
$7 \times 2 = 14$	$8 \times 2 = 16$	$9 \times 2 = 18$	$10 \times 2 = 20$	$11 \times 2 = 22$	$12 \times 2 = 24$
$7 \times 3 = 21$	$8 \times 3 = 24$	$9 \times 3 = 27$	$10 \times 3 = 30$	$11 \times 3 = 33$	$12 \times 3 = 36$
$7 \times 4 = 28$	$8 \times 4 = 32$	$9 \times 4 = 36$	$10 \times 4 = 40$	$11 \times 4 = 44$	$12 \times 4 = 48$
$7 \times 5 = 35$	$8 \times 5 = 40$	$9 \times 5 = 45$	$10 \times 5 = 50$	$11 \times 5 = 55$	$12 \times 5 = 60$
$7 \times 6 = 42$	$8 \times 6 = 48$	$9 \times 6 = 54$	$10 \times 6 = 60$	$11 \times 6 = 66$	$12 \times 6 = 72$
$7 \times 7 = 49$	$8 \times 7 = 56$	$9 \times 7 = 63$	$10 \times 7 = 70$	$11 \times 7 = 77$	$12 \times 7 = 84$
$7 \times 8 = 56$	$8 \times 8 = 64$	$9 \times 8 = 72$	$10 \times 8 = 80$	$11 \times 8 = 88$	$12 \times 8 = 96$
$7 \times 9 = 63$	$8 \times 9 = 72$	$9 \times 9 = 81$	$10 \times 9 = 90$	$11 \times 9 = 99$	$12 \times 9 = 108$
$7 \times 10 = 70$	$8 \times 10 = 80$	$9 \times 10 = 90$	$10 \times 10 = 100$	$11 \times 10 = 110$	$12 \times 10 = 120$
$7 \times 11 = 77$	$8 \times 11 = 88$	$9 \times 11 = 99$	$10 \times 11 = 110$	$11 \times 11 = 121$	$12 \times 11 = 132$
$7 \times 12 = 84$	$8 \times 12 = 96$	$9 \times 12 = 108$	$10 \times 12 = 120$	$11 \times 12 = 132$	$12 \times 12 = 144$

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144