Name: _____

Determine the answer to the following problems.

1) If $4 \times 7 = 28$, then $4 \times 700 =$ _____

1. _____

2) If $3 \times 5 = 15$, then $30 \times 5 =$ _____

2. _____

3) If $5 \times 9 = 45$, then $5 \times 9,000 =$ _____

3. _____

4) If $9 \times 2 = 18$, then $9,000 \times 2 =$ _____

4. _____

5) If $5 \times 6 = 30$, then $5 \times 60 =$ _____

5. _____

6) If $2 \times 9 = 18$, then $20 \times 9 =$ _____

6. _____

7) If $5 \times 5 = 25$, then $5 \times 50 =$ _____

7. _____

8) If $5 \times 7 = 35$, then $5,000 \times 7 =$ _____

8. _____

9) If $4 \times 9 = 36$, then $4 \times 90 =$ _____

9. _____

10) If $3 \times 2 = 6$, then $30 \times 2 =$ _____

10. _____

11) If $8 \times 3 = 24$, then $8 \times 300 =$ _____

11. _____

12) If $7 \times 8 = 56$, then $700 \times 8 =$ _____

12. _____

13) If $6 \times 4 = 24$, then $6 \times 4,000 =$ _____

13. _____

14) If $3 \times 1 = 3$, then $3,000 \times 1 =$ _____

14. _____

15) If $8 \times 2 = 16$, then $8 \times 2,000 =$ _____

15. _____

16) If $8 \times 7 = 56$, then $800 \times 7 =$ _____

16. _____

17) If $7 \times 4 = 28$, then $7 \times 40 =$ _____

17. _____

18) If $4 \times 4 = 16$, then $400 \times 4 =$ _____

18. _____

19) If $9 \times 1 = 9$, then $9 \times 100 =$ _____

19. _____

20) If $4 \times 6 = 24$, then $40 \times 6 =$ _____

20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Multiplication (Vertical)

Solve each problem.

1) $\begin{array}{r} 164 \\ \times \quad 39 \\ \hline \end{array}$

2) $\begin{array}{r} 459 \\ \times \quad 15 \\ \hline \end{array}$

3) $\begin{array}{r} 224 \\ \times \quad 92 \\ \hline \end{array}$

4) $\begin{array}{r} 862 \\ \times \quad 79 \\ \hline \end{array}$

5) $\begin{array}{r} 261 \\ \times \quad 76 \\ \hline \end{array}$

6) $\begin{array}{r} 667 \\ \times \quad 89 \\ \hline \end{array}$

7) $\begin{array}{r} 360 \\ \times \quad 11 \\ \hline \end{array}$

8) $\begin{array}{r} 631 \\ \times \quad 43 \\ \hline \end{array}$

9) $\begin{array}{r} 155 \\ \times \quad 51 \\ \hline \end{array}$

10) $\begin{array}{r} 165 \\ \times \quad 73 \\ \hline \end{array}$

11) $\begin{array}{r} 630 \\ \times \quad 35 \\ \hline \end{array}$

12) $\begin{array}{r} 927 \\ \times \quad 86 \\ \hline \end{array}$

13) $\begin{array}{r} 519 \\ \times \quad 30 \\ \hline \end{array}$

14) $\begin{array}{r} 527 \\ \times \quad 33 \\ \hline \end{array}$

15) $\begin{array}{r} 808 \\ \times \quad 54 \\ \hline \end{array}$

16) $\begin{array}{r} 625 \\ \times \quad 93 \\ \hline \end{array}$

17) $\begin{array}{r} 230 \\ \times \quad 82 \\ \hline \end{array}$

18) $\begin{array}{r} 630 \\ \times \quad 38 \\ \hline \end{array}$

19) $\begin{array}{r} 670 \\ \times \quad 44 \\ \hline \end{array}$

20) $\begin{array}{r} 401 \\ \times \quad 44 \\ \hline \end{array}$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Multiplication (Vertical)

Name: _____

Solve each problem.

1) $\begin{array}{r} 7,654 \\ \times \quad 91 \\ \hline \end{array}$	**2)** $\begin{array}{r} 2,107 \\ \times \quad 11 \\ \hline \end{array}$	**3)** $\begin{array}{r} 5,574 \\ \times \quad 57 \\ \hline \end{array}$	**4)** $\begin{array}{r} 8,175 \\ \times \quad 83 \\ \hline \end{array}$

1. _____

2. _____

3. _____

4. _____

5) $\begin{array}{r} 7,625 \\ \times \quad 26 \\ \hline \end{array}$ **6)** $\begin{array}{r} 6,983 \\ \times \quad 72 \\ \hline \end{array}$ **7)** $\begin{array}{r} 3,401 \\ \times \quad 85 \\ \hline \end{array}$ **8)** $\begin{array}{r} 3,875 \\ \times \quad 42 \\ \hline \end{array}$

5. _____

6. _____

7. _____

8. _____

9) $\begin{array}{r} 4,995 \\ \times \quad 96 \\ \hline \end{array}$ **10)** $\begin{array}{r} 8,695 \\ \times \quad 14 \\ \hline \end{array}$ **11)** $\begin{array}{r} 2,001 \\ \times \quad 56 \\ \hline \end{array}$ **12)** $\begin{array}{r} 8,786 \\ \times \quad 51 \\ \hline \end{array}$

9. _____

10. _____

11. _____

12. _____

13) $\begin{array}{r} 6,514 \\ \times \quad 97 \\ \hline \end{array}$ **14)** $\begin{array}{r} 4,992 \\ \times \quad 84 \\ \hline \end{array}$ **15)** $\begin{array}{r} 8,125 \\ \times \quad 37 \\ \hline \end{array}$ **16)** $\begin{array}{r} 2,658 \\ \times \quad 88 \\ \hline \end{array}$

13. _____

14. _____

15. _____

16. _____

17) $\begin{array}{r} 9,930 \\ \times \quad 97 \\ \hline \end{array}$ **18)** $\begin{array}{r} 2,626 \\ \times \quad 81 \\ \hline \end{array}$ **19)** $\begin{array}{r} 1,522 \\ \times \quad 96 \\ \hline \end{array}$ **20)** $\begin{array}{r} 1,241 \\ \times \quad 39 \\ \hline \end{array}$

17. _____

18. _____

19. _____

20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Finding Product (3 × 2)

Name:

Solve each problem.

1) A vat of orange juice contains the juice from 843 oranges. If a company has 89 vats, how many oranges would they use to fill them all?

2) A mail sorting machine can sort 774 pieces of mail an hour. If it ran for 77 hour, how many pieces of mail would it have sorted?

3) A farmer has 762 rows of corn. If he can get 84 ears of corn from each row, how many ears of corn would he have total?

4) In NYC each mail truck has 270 pieces of junkmail. If there are 99 mail trucks, how much junk mail do they have total?

5) If an industrial machine could make 418 pencils in a second, how many pencils would it have made in 15 seconds?

6) Each day the gumball machine in the mall sells 164 gum balls. How many gum balls would they have sold after 61 days?

7) A lawn mowing company had 573 customers. If each customer paid 59 dollars a year, how much money would they make?

8) A race was 993 meters. If 28 people ran in the marathon how many meters would they have run total?

9) Oliver was collecting cans for recycling. In 5 months he had collected 634 bags with 76 cans inside each bag. How many cans did he have total?

10) Paige was building a LEGO tower. She built it with 139 stories and with 18 blocks on each story. How many LEGO blocks would she have used?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

1) 2,000 ÷ 500 =_____

2) 35,000 ÷ 7,000 =_____

3) 14,000 ÷ 7,000 =_____

4) 180 ÷ 60 =_____

5) 1,200 ÷ 600 =_____

6) 48,000 ÷ 6,000 =_____

7) 500 ÷ 500 =_____

8) 8,000 ÷ 2,000 =_____

9) 30,000 ÷ 6,000 =_____

10) 360 ÷ 40 =_____

11) 120 ÷ 30 =_____

12) 45,000 ÷ 5,000 =_____

13) 1,400 ÷ 700 =_____

14) 720 ÷ 90 =_____

15) 10,000 ÷ 2,000 =_____

16) 4,000 ÷ 500 =_____

17) 720 ÷ 80 =_____

18) 200 ÷ 200 =_____

19) 63,000 ÷ 7,000 =_____

20) 2,100 ÷ 300 =_____

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

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Name:

Solve each problem.

1)

30 ⟌ 7, 2 3 0

2)

16 ⟌ 4, 9 3 2

3)

28 ⟌ 6, 5 1 1

1. _____

2. _____

3. _____

4. _____

5. _____

4)

39 ⟌ 5, 2 1 4

5)

28 ⟌ 8, 2 3 2

6)

95 ⟌ 4, 5 2 4

6. _____

7. _____

8. _____

9. _____

7)

56 ⟌ 6, 4 9 6

8)

39 ⟌ 5, 6 9 4

9)

83 ⟌ 9, 2 9 6

10. _____

11. _____

12. _____

10)

62 ⟌ 2, 1 7 0

11)

59 ⟌ 8, 8 3 5

12)

23 ⟌ 1, 3 8 0

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem.

1) Jerry is trying to earn two hundred nine dollars for some new video games. If he charges forty-seven dollars to mow a lawn, how many lawns will he need to mow to earn the money?

2) A company had forty-one employees and ordered nine hundred eighty uniforms for them. If they wanted to give each employee the same number of uniforms, how many more uniforms should they order so they don't have any extra?

3) Victor had eight hundred sixty-one marbles he's putting into bags with twenty-five in each bag. How many marbles will he have in the bag that isn't full?

4) A box of light fixtures cost $forty-three. If you had six hundred dollars and bought as many boxes as you could, how much money would you have left?

5) A baker had eighteen boxes for donuts. He ended up making seven hundred sixty-three donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

6) Cody wanted to give each of his forty-five friends an equal amount of candy. At the store he bought six hundred eighty pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces?

7) An art museum had eight hundred forty-three pictures to split equally into seventeen different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

8) A movie theater needed five hundred twenty-eight popcorn buckets. If each package has forty-six buckets in it, how many packages will they need to buy?

9) A recycling company had six hundred sixty-six pounds of material to sort. To make it easier they split them into boxes with each full box having twenty-two pounds, how many full boxes did they have?

10) A machine in a candy company creates seven hundred eighty-three pieces of candy a minute. If a small box of candy has thirteen pieces in it how many full boxes does the machine make in a minute?

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____
8.	_____
9.	_____
10.	_____

1-10	90	80	70	60	50	40	30	20	10	0