

Addition: Find the sum
up to 3 digits with Regrouping

1.
$$\begin{array}{r} 396 \\ + 868 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 693 \\ + 927 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 598 \\ + 263 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 724 \\ + 846 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 514 \\ + 728 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 652 \\ + 858 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 625 \\ + 416 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 164 \\ + 366 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 372 \\ + 388 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 995 \\ + 448 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 351 \\ + 359 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 463 \\ + 699 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 683 \\ + 27 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 591 \\ + 259 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 985 \\ + 766 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 962 \\ + 648 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 873 \\ + 217 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 55 \\ + 609 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 444 \\ + 597 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 176 \\ + 606 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 676 \\ + 306 \\ \hline \end{array}$$

Addition: Find the sum

3 number vertical addition

1.	$\begin{array}{r} 9130 \\ 5145 \\ + 4273 \\ \hline \end{array}$	6.	$\begin{array}{r} 1807 \\ 1815 \\ + 7297 \\ \hline \end{array}$	11.	$\begin{array}{r} 6070 \\ 4716 \\ + 3142 \\ \hline \end{array}$	16.	$\begin{array}{r} 6981 \\ 8499 \\ + 5367 \\ \hline \end{array}$
2.	$\begin{array}{r} 9749 \\ 1620 \\ + 1482 \\ \hline \end{array}$	7.	$\begin{array}{r} 7201 \\ 2808 \\ + 6906 \\ \hline \end{array}$	12.	$\begin{array}{r} 4145 \\ 4169 \\ + 9376 \\ \hline \end{array}$	17.	$\begin{array}{r} 7371 \\ 2914 \\ + 3496 \\ \hline \end{array}$
3.	$\begin{array}{r} 2350 \\ 5762 \\ + 5342 \\ \hline \end{array}$	8.	$\begin{array}{r} 1235 \\ 1256 \\ + 1550 \\ \hline \end{array}$	13.	$\begin{array}{r} 4790 \\ 4819 \\ + 7794 \\ \hline \end{array}$	18.	$\begin{array}{r} 4492 \\ 1156 \\ + 6584 \\ \hline \end{array}$
4.	$\begin{array}{r} 6535 \\ 5030 \\ + 7698 \\ \hline \end{array}$	9.	$\begin{array}{r} 9472 \\ 9663 \\ + 9094 \\ \hline \end{array}$	14.	$\begin{array}{r} 4060 \\ 6561 \\ + 4537 \\ \hline \end{array}$	19.	$\begin{array}{r} 8913 \\ 1455 \\ + 2118 \\ \hline \end{array}$
5.	$\begin{array}{r} 2115 \\ 1976 \\ + 9935 \\ \hline \end{array}$	10.	$\begin{array}{r} 5162 \\ 1746 \\ + 2006 \\ \hline \end{array}$	15.	$\begin{array}{r} 6045 \\ 9593 \\ + 1603 \\ \hline \end{array}$	20.	$\begin{array}{r} 4633 \\ 5452 \\ + 2279 \\ \hline \end{array}$

Addition and Subtraction

Solve the Problems

1. Jill gave Mark 212 gray fish and 237 brown fish. How many fish did she give Mark? _____

2. Jill broke 111 eggs. Robert broke 28 more eggs than Jill. How many eggs did they break in all? _____

3. Hillary bought 296 stickers. She noticed that 138 stickers were yellow and the rest were white. How many stickers were white? _____

4. Mary broke 292 eggs and Sam broke 231 eggs. How many more eggs did Mary break? _____

5. Kristen bought 555 stickers. She lost 537 stickers. How many stickers were not lost? _____

6. Jane sold 590 cookies, Sam sold 183 cookies and Wendy sold 219 cookies. How many cookies did they sell in all? _____

7. Hillary caught 357 fish, Bob caught 145 fish and Dave caught 248 fish. How many fish did they catch in all? _____

8. Jill baked 543 cookies. She noticed that 360 cookies were white and the rest were brown. How many cookies were brown? _____

Subtraction: Find the difference

up to 4 digits with Regrouping

1.
$$\begin{array}{r} 7112 \\ - 5364 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 5584 \\ - 1767 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 3374 \\ - 445 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 5247 \\ - 358 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 750 \\ - 239 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 8886 \\ - 5168 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 5207 \\ - 3018 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 1421 \\ - 395 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 8283 \\ - 7748 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 8332 \\ - 4794 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 8340 \\ - 1828 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 2212 \\ - 1827 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 828 \\ - 579 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 2376 \\ - 1278 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 360 \\ - 331 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 6835 \\ - 1488 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 5157 \\ - 2838 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 5610 \\ - 911 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 7554 \\ - 1598 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 7681 \\ - 3963 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 2387 \\ - 1008 \\ \hline \end{array}$$

Number Sequences: Counting by 9s, 10s, 11s, and 12s

Fill in the missing number (s)

1.	36 , ___ , ___ , ___ , ___ , ___ , 90
2.	___ , ___ , ___ , ___ , ___ , 36, 45
3.	45 , ___ , ___ , ___ , ___ , ___ , 99
4.	44, 55 , ___ , ___ , ___ , ___ , ___
5.	12 , ___ , ___ , ___ , ___ , ___ , 84
6.	9, 18, ___ , ___ , ___ , ___ , ___
7.	0 , ___ , ___ , ___ , ___ , ___ , 60
8.	12, 24 , ___ , ___ , ___ , ___ , ___
9.	20, 30 , ___ , ___ , ___ , ___ , ___
10.	18, 27 , ___ , ___ , ___ , ___ , ___
11.	11 , ___ , ___ , ___ , ___ , ___ , 77
12.	48 , ___ , ___ , ___ , ___ , ___ , 120
13.	44 , ___ , ___ , ___ , ___ , ___ , 110

Multiplication : Fixed Value = 9

Solve the problems

1. **12x9 = _____**

2. **4x9 = _____**

3. **11x9 = _____**

4. **5x9 = _____**

5. **8x9 = _____**

6. **11x9 = _____**

7. **10x9 = _____**

8. **9x9 = _____**

9. **1x9 = _____**

10. **2x9 = _____**

11. **9x9 = _____**

12. **0x9 = _____**

13. **5x9 = _____**

14. **9x9 = _____**

15. **7x9 = _____**

16. **3x9 = _____**

1. **10x9 = _____**

2. **9x9 = _____**

3. **0x9 = _____**

4. **7x9 = _____**

5. **6x9 = _____**

6. **8x9 = _____**

7. **6x9 = _____**

8. **11x9 = _____**

9. **9x9 = _____**

10. **10x9 = _____**

11. **12x9 = _____**

12. **7x9 = _____**

13. **12x9 = _____**

14. **7x9 = _____**

15. **6x9 = _____**

16. **5x9 = _____**

1. **10x9 = _____**

2. **3x9 = _____**

3. **2x9 = _____**

4. **9x9 = _____**

5. **6x9 = _____**

6. **0x9 = _____**

7. **9x9 = _____**

8. **11x9 = _____**

9. **7x9 = _____**

10. **6x9 = _____**

11. **9x9 = _____**

12. **0x9 = _____**

13. **1x9 = _____**

14. **10x9 = _____**

15. **12x9 = _____**

16. **4x9 = _____**

Multiplication to 9

Fill in the missing numbers

1. $11 \times \underline{\quad} = 11$

2. $3 \times \underline{\quad} = 18$

3. $12 \times \underline{\quad} = 96$

4. $5 \times \underline{\quad} = 30$

5. $6 \times \underline{\quad} = 6$

6. $2 \times \underline{\quad} = 18$

7. $0 \times \underline{\quad} = 0$

8. $1 \times \underline{\quad} = 9$

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

10. $12 \times \underline{\quad} = 60$

11. $8 \times \underline{\quad} = 8$

12. $12 \times \underline{\quad} = 84$

13. $9 \times \underline{\quad} = 36$

14. $11 \times \underline{\quad} = 55$

15. $12 \times \underline{\quad} = 108$

16. $11 \times \underline{\quad} = 66$

1. $10 \times \underline{\quad} = 70$

2. $9 \times \underline{\quad} = 18$

3. $12 \times \underline{\quad} = 84$

4. $1 \times \underline{\quad} = 9$

5. $6 \times \underline{\quad} = 6$

6. $9 \times \underline{\quad} = 72$

7. $6 \times \underline{\quad} = 30$

8. $0 \times \underline{\quad} = 0$

9. $10 \times \underline{\quad} = 60$

10. $1 \times \underline{\quad} = 1$

11. $3 \times \underline{\quad} = 21$

12. $7 \times \underline{\quad} = 21$

13. $11 \times \underline{\quad} = 33$

14. $3 \times \underline{\quad} = 15$

15. $10 \times \underline{\quad} = 90$

16. $5 \times \underline{\quad} = 30$

1. $6 \times \underline{\quad} = 18$

2. $1 \times \underline{\quad} = 5$

3. $9 \times \underline{\quad} = 27$

4. $11 \times \underline{\quad} = 77$

5. $7 \times \underline{\quad} = 7$

6. $1 \times \underline{\quad} = 9$

7. $4 \times \underline{\quad} = 32$

8. $11 \times \underline{\quad} = 44$

9. $5 \times \underline{\quad} = 45$

10. $6 \times \underline{\quad} = 54$

11. $2 \times \underline{\quad} = 14$

12. $6 \times \underline{\quad} = 30$

13. $4 \times \underline{\quad} = 36$

14. $7 \times \underline{\quad} = 28$

15. $0 \times \underline{\quad} = 0$

16. $7 \times \underline{\quad} = 56$

Multiplication to 9

Solve the Problems

1. There are 3 boxes. Each box has 9 pencils. How many pencils are there in all? _____

2. There are 4 boxes. Each box has 5 pencils. How many pencils are there in all? _____

3. There are 12 books. Each book has 8 pages. How many pages are there in all? _____

4. There are 7 shoes. Each shoe has 6 dots. How many dots are there in all? _____

5. There are 12 boxes. Each box has 2 pencils. How many pencils are there in all? _____

6. There are 8 boxes. Each box has 8 pencils. How many pencils are there in all? _____

7. There are 5 shoes. Each shoe has 7 dots. How many dots are there in all? _____

8. There are 3 books. Each book has 2 pages. How many pages are there in all? _____

9. There is 1 shelf. The shelf has 9 books. How many books are there in all? _____

Division: Fixed Value = 2

Solve the problems

1. $2 \div 2 =$ _____

2. $24 \div 2 =$ _____

3. $2 \div 2 =$ _____

4. $6 \div 2 =$ _____

5. $22 \div 2 =$ _____

6. $14 \div 2 =$ _____

7. $2 \div 2 =$ _____

8. $22 \div 2 =$ _____

9. $24 \div 2 =$ _____

10. $4 \div 2 =$ _____

11. $6 \div 2 =$ _____

12. $16 \div 2 =$ _____

13. $18 \div 2 =$ _____

14. $14 \div 2 =$ _____

15. $12 \div 2 =$ _____

16. $6 \div 2 =$ _____

1. $8 \div 2 =$ _____

2. $22 \div 2 =$ _____

3. $14 \div 2 =$ _____

4. $18 \div 2 =$ _____

5. $16 \div 2 =$ _____

6. $12 \div 2 =$ _____

7. $14 \div 2 =$ _____

8. $6 \div 2 =$ _____

9. $14 \div 2 =$ _____

10. $6 \div 2 =$ _____

11. $2 \div 2 =$ _____

12. $18 \div 2 =$ _____

13. $24 \div 2 =$ _____

14. $10 \div 2 =$ _____

15. $16 \div 2 =$ _____

16. $10 \div 2 =$ _____

1. $2 \div 2 =$ _____

2. $10 \div 2 =$ _____

3. $6 \div 2 =$ _____

4. $24 \div 2 =$ _____

5. $22 \div 2 =$ _____

6. $14 \div 2 =$ _____

7. $6 \div 2 =$ _____

8. $4 \div 2 =$ _____

9. $6 \div 2 =$ _____

10. $8 \div 2 =$ _____

11. $12 \div 2 =$ _____

12. $24 \div 2 =$ _____

13. $22 \div 2 =$ _____

14. $18 \div 2 =$ _____

15. $14 \div 2 =$ _____

16. $16 \div 2 =$ _____

Division to 2

Solve the problems

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

2. $8 \div 1 = \underline{\quad}$

3. $2 \div 1 = \underline{\quad}$

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

5. $22 \div 2 = \underline{\quad}$

6. $8 \div 2 = \underline{\quad}$

7. $14 \div 2 = \underline{\quad}$

8. $18 \div 2 = \underline{\quad}$

9. $4 \div 1 = \underline{\quad}$

10. $6 \div 1 = \underline{\quad}$

11. $3 \div 1 = \underline{\quad}$

12. $14 \div 2 = \underline{\quad}$

13. $10 \div 1 = \underline{\quad}$

14. $8 \div 2 = \underline{\quad}$

15. $4 \div 2 = \underline{\quad}$

16. $12 \div 2 = \underline{\quad}$

1. $18 \div 2 = \underline{\quad}$

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

3. $24 \div 2 = \underline{\quad}$

4. $5 \div 1 = \underline{\quad}$

5. $11 \div 1 = \underline{\quad}$

6. $14 \div 2 = \underline{\quad}$

7. $16 \div 2 = \underline{\quad}$

8. $12 \div 1 = \underline{\quad}$

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

10. $16 \div 2 = \underline{\quad}$

11. $22 \div 2 = \underline{\quad}$

12. $3 \div 1 = \underline{\quad}$

13. $2 \div 1 = \underline{\quad}$

14. $9 \div 1 = \underline{\quad}$

15. $12 \div 1 = \underline{\quad}$

16. $8 \div 1 = \underline{\quad}$

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

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

3. $12 \div 1 = \underline{\quad}$

4. $5 \div 1 = \underline{\quad}$

5. $11 \div 1 = \underline{\quad}$

6. $12 \div 2 = \underline{\quad}$

7. $12 \div 1 = \underline{\quad}$

8. $9 \div 1 = \underline{\quad}$

9. $4 \div 1 = \underline{\quad}$

10. $11 \div 1 = \underline{\quad}$

11. $16 \div 2 = \underline{\quad}$

12. $24 \div 2 = \underline{\quad}$

13. $18 \div 2 = \underline{\quad}$

14. $24 \div 2 = \underline{\quad}$

15. $22 \div 2 = \underline{\quad}$

16. $1 \div 1 = \underline{\quad}$

Division to 2

Solve the Problems

1. A family of 2 ate lunch at the zoo. It cost a total of \$22. How much did the lunch cost per person? _____

2. Jill bought 2 donuts. She gave 1 donut(s) to each child. How many children did she give donuts to? _____

3. Jane bought 14 pencils. She put 2 in each packet. How many packets did she use? _____

4. Robert ran an equal number of miles each day. He ran 12 mile(s) in 1 week(s). How much did he run in 1 week? _____

5. Tom ran an equal number of miles each day. He ran 6 mile(s) in 2 week(s). How much did he run in 1 week? _____

6. 4 child(ren) rode the elevator. 1 child(ren) rode the elevator at each time. How many groups of 1 rode the elevator? _____

7. Sam ran an equal number of miles each day. He ran 24 mile(s) in 2 week(s). How much did he run in 1 week? _____

8. 10 child(ren) rode the elevator. 1 child(ren) rode the elevator at each time. How many groups of 1 rode the elevator? _____

9. A family of 2 ate lunch at the zoo. It cost a total of \$14. How much did the lunch cost per person? _____

Division

up to 6 - no remainder

1.	$\overline{6)24}$	7.	$\overline{3)6}$	13.	$\overline{1)11}$
2.	$\overline{6)54}$	8.	$\overline{4)36}$	14.	$\overline{2)14}$
3.	$\overline{2)2}$	9.	$\overline{4)24}$	15.	$\overline{1)9}$
4.	$\overline{1)11}$	10.	$\overline{5)5}$	16.	$\overline{5)15}$
5.	$\overline{1)8}$	11.	$\overline{6)60}$	17.	$\overline{1)10}$
6.	$\overline{4)48}$	12.	$\overline{6)36}$	18.	$\overline{6)48}$

Use a clock to solve the subtraction problems shown below

Solve the Problems

1. It is 3:00 pm. Jane went for a walk 5 hours and 45 minutes ago. What time did she go for a walk? _____

2. It is 4:00 am. Jane slept 4 hours and 45 minutes ago. What time did she sleep? _____

3. It is 11:15 am. Mary slept 5 hours and 15 minutes ago. What time did she sleep? _____

4. It is 3:00 pm. Kristen ate 7 hours and 15 minutes ago. What time did she eat? _____

5. It is 6:30 am. Jane went for a walk 4 hours and 30 minutes ago. What time did she go for a walk? _____

6. It is 11:00 pm. Jane talked on the phone 7 hours and 50 minutes ago. What time did she talk on the phone? _____

7. It is 10:15 pm. Jane played 6 hours and 20 minutes ago. What time did she play? _____

8. It is 6:30 pm. Jill played 6 hours and 45 minutes ago. What time did she play? _____

Round each number to the nearest 1000

Circle the correct answer

1.	50892 =	51000 50000 52010	2.	12395 =	12000 13000 13010
3.	96022 =	96000 97000 97010	4.	56569 =	57000 56000 58010
5.	84110 =	84000 85000 85010	6.	43842 =	44000 43000 45010
7.	27195 =	27000 28000 28010	8.	15738 =	16000 15000 17010
9.	85874 =	86000 85000 87010	10.	31962 =	32000 31000 33010
11.	15228 =	15000 16000 16010	12.	23682 =	24000 23000 25010
13.	67533 =	68000 67000 69010	14.	93333 =	93000 94000 94010
15.	37296 =	37000 38000 38010	16.	58062 =	58000 59000 59010
17.	78160 =	78000 79000 79010	18.	35568 =	36000 35000 37010
19.	6364 =	6000 7000 7010	20.	92268 =	92000 93000 93010
21.	83945 =	84000 83000 85010	22.	23832 =	24000 23000 25010
23.	55242 =	55000 56000 56010	24.	26444 =	26000 27000 27010

Money

Multiplication Word Problems

1.	Mary stacked pennies into 8 stacks of 4 each and nickels into 4 stacks of 2 each. How much money was there in all?	
2.	Jill bought $\frac{1}{5}$ part of a cake for \$2. How much did the whole cake cost?	
3.	Sue had a birthday party. She bought 11 invitation cards, each costing \$1.50, 4 dozen cupcakes, each costing \$1. How much did she spend in all?	
4.	Jill stacked pennies into 8 stacks of 8 each and nickels into 3 stacks of 3 each. How much money was there in all?	
5.	Jill had a birthday party. She bought 15 invitation cards, each costing \$6, 8 dozen cupcakes, each costing \$7. How much did she spend in all?	
6.	Jane stacked pennies into 7 stacks of 6 each and nickels into 6 stacks of 2 each. How much money was there in all?	
7.	Mary arranged the quarters into 2 stacks of 2 each and the nickles into 3 stacks of 8 each. How much money was there in all?	
8.	Jane bought 8 boxes of pencils. Each box had 3 dozen pencils. She paid \$1 for each pencil. How much did she spend?	

Addition up to 1 decimal point

Find the sum

1. $19.5+47=$ _____

2. $40.7+40.2=$ _____

3. $21.4+95.6=$ _____

4. $74.8+17=$ _____

5. $77.7+26.8=$ _____

6. $17.8+93.2=$ _____

7. $52.7+72.7=$ _____

8. $75.6+60.6=$ _____

9. $92.1+73.4=$ _____

10. $25.9+47.9=$ _____

11. $20.5+28.3=$ _____

12. $15.9+70.9=$ _____

13. $95.7+94.5=$ _____

14. $16.6+97.7=$ _____

15. $1+72.6=$ _____

16. $49+57.1=$ _____

1. $75.7+46.6=$ _____

2. $23.7+41.6=$ _____

3. $13.4+67.8=$ _____

4. $58.3+85.2=$ _____

5. $81.7+98.4=$ _____

6. $64.7+17.5=$ _____

7. $39.6+55.4=$ _____

8. $20.8+23.3=$ _____

9. $58.2+20.7=$ _____

10. $67.4+60=$ _____

11. $70+7.4=$ _____

12. $96.5+11.8=$ _____

13. $2.7+99.5=$ _____

14. $21.3+83=$ _____

15. $73.4+2.9=$ _____

16. $42.6+58.9=$ _____

1. $48.1+76.1=$ _____

2. $54.3+87.5=$ _____

3. $92.8+29.6=$ _____

4. $51.8+60.4=$ _____

5. $71.1+10.3=$ _____

6. $34.4+94.7=$ _____

7. $65.2+10.7=$ _____

8. $17.5+45.9=$ _____

9. $24.3+70=$ _____

10. $95.8+3.6=$ _____

11. $67.3+56=$ _____

12. $21.9+48.4=$ _____

13. $94.6+44.9=$ _____

14. $91.2+73.7=$ _____

15. $85.6+38.7=$ _____

16. $50.4+99.6=$ _____

Pattern Recognition

What comes next? Circle the correct answer

1. 30 33 36 39 ___	45 42 48
2. 24 29 34 39 ___	49 44 54
3. 46 47 49 52 ___	56 57 58
4. 41 40 39 38 ___	38 37 39
5. 30 28 26 24 ___	24 22 26
6. 70 61 52 43 ___	34 43 52
7. 30 36 45 57 ___	78 72 84