Enter the Room **Addition Challenge**

214 + 269 = _____ 439 + 825 = _____

964 + 171 = _____ 597 + 153 = _____

206 + 858 = _____ 893 + 689 = _____

746 + 491 = _____ 311 + 592 = _____

561 + 498 = _____ 852 + 329 = _____

179 + 120 = _____ 713 + 770 = _____

889 + 549 = _____ 899 + 801 = _____

937 + 387 = _____ 230 + 883 = _____

168 + 258 = _____ 262 + 314 = _____

207 + 533 = _____ 810 + 439 = _____

Enter the Room **Addition Challenge**

214 + 269 = _____ 439 + 825 = _____

964 + 171 = _____ 597 + 153 = _____

206 + 858 = _____ 893 + 689 = _____

746 + 491 = _____ 311 + 592 = _____

561 + 498 = _____ 852 + 329 = _____

179 + 120 = _____ 713 + 770 = _____

889 + 549 = _____ 899 + 801 = _____

937 + 387 = _____ 230 + 883 = _____

168 + 258 = _____ 262 + 314 = _____

207 + 533 = _____ 810 + 439 = _____

Enter the Room **Addition Challenge**

214 + 269 = _____ 439 + 825 = _____

964 + 171 = _____ 597 + 153 = _____

206 + 858 = _____ 893 + 689 = _____

746 + 491 = _____ 311 + 592 = _____

561 + 498 = _____ 852 + 329 = _____

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889 + 549 = _____ 899 + 801 = _____

937 + 387 = _____ 230 + 883 = _____

168 + 258 = _____ 262 + 314 = _____

207 + 533 = _____ 810 + 439 = _____

Enter the Room **Addition Challenge**

214 + 269 = _____ 439 + 825 = _____

964 + 171 = _____ 597 + 153 = _____

206 + 858 = _____ 893 + 689 = _____

746 + 491 = _____ 311 + 592 = _____

561 + 498 = _____ 852 + 329 = _____

179 + 120 = _____ 713 + 770 = _____

889 + 549 = _____ 899 + 801 = _____

937 + 387 = _____ 230 + 883 = _____

168 + 258 = _____ 262 + 314 = _____

207 + 533 = _____ 810 + 439 = _____

Enter the Room **Decimal Addition Challenge**

0.043 + 0.35 = _____ 0.309 + 0.85 = _____

0.047 + 0.28 = _____ 0.686 + 0.63 = _____

0.677 + 0.88 = _____ 0.334 + 0.18 = _____

0.637 + 0.57 = _____ 0.512 + 0.98 = _____

0.907 + 0.95 = _____ 0.383 + 0.35 = _____

0.773 + 0.12 = _____ 0.859 + 0.69 = _____

0.792 + 0.14 = _____ 0.75 + 0.69 = _____

0.68 + 0.65 = _____ 0.937 + 0.41 = _____

0.51 + 0.38 = _____ 0.678 + 0.2 = _____

0.646 + 0.78 = _____ 0.817 + 0.33 = _____

Enter the Room **Decimal Addition Challenge**

0.043 + 0.35 = _____ 0.309 + 0.85 = _____

0.047 + 0.28 = _____ 0.686 + 0.63 = _____

0.677 + 0.88 = _____ 0.334 + 0.18 = _____

0.637 + 0.57 = _____ 0.512 + 0.98 = _____

0.907 + 0.95 = _____ 0.383 + 0.35 = _____

0.773 + 0.12 = _____ 0.859 + 0.69 = _____

0.792 + 0.14 = _____ 0.75 + 0.69 = _____

0.68 + 0.65 = _____ 0.937 + 0.41 = _____

0.51 + 0.38 = _____ 0.678 + 0.2 = _____

0.646 + 0.78 = _____ 0.817 + 0.33 = _____

Enter the Room **Decimal Addition Challenge**

0.043 + 0.35 = _____ 0.309 + 0.85 = _____

0.047 + 0.28 = _____ 0.686 + 0.63 = _____

0.677 + 0.88 = _____ 0.334 + 0.18 = _____

0.637 + 0.57 = _____ 0.512 + 0.98 = _____

0.907 + 0.95 = _____ 0.383 + 0.35 = _____

0.773 + 0.12 = _____ 0.859 + 0.69 = _____

0.792 + 0.14 = _____ 0.75 + 0.69 = _____

0.68 + 0.65 = _____ 0.937 + 0.41 = _____

0.51 + 0.38 = _____ 0.678 + 0.2 = _____

0.646 + 0.78 = _____ 0.817 + 0.33 = _____

Enter the Room **Decimal Addition Challenge**

0.043 + 0.35 = _____ 0.309 + 0.85 = _____

0.047 + 0.28 = _____ 0.686 + 0.63 = _____

0.677 + 0.88 = _____ 0.334 + 0.18 = _____

0.637 + 0.57 = _____ 0.512 + 0.98 = _____

0.907 + 0.95 = _____ 0.383 + 0.35 = _____

0.773 + 0.12 = _____ 0.859 + 0.69 = _____

0.792 + 0.14 = _____ 0.75 + 0.69 = _____

0.68 + 0.65 = _____ 0.937 + 0.41 = _____

0.51 + 0.38 = _____ 0.678 + 0.2 = _____

0.646 + 0.78 = _____ 0.817 + 0.33 = _____

Enter the Room **Decimal Subtraction Challenge**

0.955 − 0.27 = _____ 0.961 − 0.51 = _____

1.271 − 0.75 = _____ 0.662 − 0.22 = _____

0.701 − 0.54 = _____ 0.905 − 0.25 = _____

1.646 − 0.14 = _____ 0.534 − 0.95 = _____

1.447 − 0.97 = _____ 0.902 − 0.03 = _____

1.545 − 0.05 = _____ 0.612 − 0.08 = _____

1.183 − 0.89 = _____ 1.3 − 0.32 = _____

1.334 − 0.6 = _____ 1.234 − 0.97 = _____

0.83 − 0.36 = _____ 1.551 − 0.47 = _____

1.02 − 0.83 = _____ 0.506 − 0.5 = _____

Enter the Room **Decimal Subtraction Challenge**

0.955 − 0.27 = _____ 0.961 − 0.51 = _____

1.271 − 0.75 = _____ 0.662 − 0.22 = _____

0.701 − 0.54 = _____ 0.905 − 0.25 = _____

1.646 − 0.14 = _____ 0.534 − 0.95 = _____

1.447 − 0.97 = _____ 0.902 − 0.03 = _____

1.545 − 0.05 = _____ 0.612 − 0.08 = _____

1.183 − 0.89 = _____ 1.3 − 0.32 = _____

1.334 − 0.6 = _____ 1.234 − 0.97 = _____

0.83 − 0.36 = _____ 1.551 − 0.47 = _____

1.02 − 0.83 = _____ 0.506 − 0.5 = _____

Enter the Room **Decimal Subtraction Challenge**

0.955 − 0.27 = _____ 0.961 − 0.51 = _____

1.271 − 0.75 = _____ 0.662 − 0.22 = _____

0.701 − 0.54 = _____ 0.905 − 0.25 = _____

1.646 − 0.14 = _____ 0.534 − 0.95 = _____

1.447 − 0.97 = _____ 0.902 − 0.03 = _____

1.545 − 0.05 = _____ 0.612 − 0.08 = _____

1.183 − 0.89 = _____ 1.3 − 0.32 = _____

1.334 − 0.6 = _____ 1.234 − 0.97 = _____

0.83 − 0.36 = _____ 1.551 − 0.47 = _____

1.02 − 0.83 = _____ 0.506 − 0.5 = _____

Enter the Room **Decimal Subtraction Challenge**

0.955 − 0.27 = _____ 0.961 − 0.51 = _____

1.271 − 0.75 = _____ 0.662 − 0.22 = _____

0.701 − 0.54 = _____ 0.905 − 0.25 = _____

1.646 − 0.14 = _____ 0.534 − 0.95 = _____

1.447 − 0.97 = _____ 0.902 − 0.03 = _____

1.545 − 0.05 = _____ 0.612 − 0.08 = _____

1.183 − 0.89 = _____ 1.3 − 0.32 = _____

1.334 − 0.6 = _____ 1.234 − 0.97 = _____

0.83 − 0.36 = _____ 1.551 − 0.47 = _____

1.02 − 0.83 = _____ 0.506 − 0.5 = _____

Enter the Room **Direct Numbers Addition Challenge**

-50 + -25 = _____ 34 + +33 = _____

23 + -43 = _____ -1 + -28 = _____

-43 + -31 = _____ -17 + -14 = _____

-39 + -2 = _____ 5 + +33 = _____

-39 + +27 = _____ -2 + -41 = _____

27 + +42 = _____ 18 + -44 = _____

-13 + +35 = _____ 7 + -40 = _____

-42 + -36 = _____ 38 + +20 = _____

-50 + +29 = _____ 4 + +28 = _____

-18 + -41 = _____ -36 + -25 = _____

Enter the Room **Direct Numbers Addition Challenge**

-50 + -25 = _____ 34 + +33 = _____

23 + -43 = _____ -1 + -28 = _____

-43 + -31 = _____ -17 + -14 = _____

-39 + -2 = _____ 5 + +33 = _____

-39 + +27 = _____ -2 + -41 = _____

27 + +42 = _____ 18 + -44 = _____

-13 + +35 = _____ 7 + -40 = _____

-42 + -36 = _____ 38 + +20 = _____

-50 + +29 = _____ 4 + +28 = _____

-18 + -41 = _____ -36 + -25 = _____

Enter the Room **Direct Numbers Addition Challenge**

-50 + -25 = _____ 34 + +33 = _____

23 + -43 = _____ -1 + -28 = _____

-43 + -31 = _____ -17 + -14 = _____

-39 + -2 = _____ 5 + +33 = _____

-39 + +27 = _____ -2 + -41 = _____

27 + +42 = _____ 18 + -44 = _____

-13 + +35 = _____ 7 + -40 = _____

-42 + -36 = _____ 38 + +20 = _____

-50 + +29 = _____ 4 + +28 = _____

-18 + -41 = _____ -36 + -25 = _____

Enter the Room **Direct Numbers Addition Challenge**

-50 + -25 = _____ 34 + +33 = _____

23 + -43 = _____ -1 + -28 = _____

-43 + -31 = _____ -17 + -14 = _____

-39 + -2 = _____ 5 + +33 = _____

-39 + +27 = _____ -2 + -41 = _____

27 + +42 = _____ 18 + -44 = _____

-13 + +35 = _____ 7 + -40 = _____

-42 + -36 = _____ 38 + +20 = _____

-50 + +29 = _____ 4 + +28 = _____

-18 + -41 = _____ -36 + -25 = _____

Enter the Room **Directed Numbers Subtraction Challenge**

-12 − 4 = _____ -21 − -4 = _____

-20 − 0 = _____ 0 − -20 = _____

-13 − -45 = _____ 30 − -7 = _____

15 − -33 = _____ -44 − 43 = _____

17 − -46 = _____ 37 − +30 = _____

-9 − -7 = _____ -40 − 11 = _____

20 − -36 = _____ -24 − -21 = _____

15 − -13 = _____ -34 − -12 = _____

29 − 33 = _____ -44 − -18 = _____

20 − -29 = _____ 10 − 35 = _____

Enter the Room **Directed Numbers Subtraction Challenge**

-12 − 4 = _____ -21 − -4 = _____

-20 − 0 = _____ 0 − -20 = _____

-13 − -45 = _____ 30 − -7 = _____

15 − -33 = _____ -44 − 43 = _____

17 − -46 = _____ 37 − +30 = _____

-9 − -7 = _____ -40 − 11 = _____

20 − -36 = _____ -24 − -21 = _____

15 − -13 = _____ -34 − -12 = _____

29 − 33 = _____ -44 − -18 = _____

20 − -29 = _____ 10 − 35 = _____

Enter the Room **Directed Numbers Subtraction Challenge**

-12 − 4 = _____ -21 − -4 = _____

-20 − 0 = _____ 0 − -20 = _____

-13 − -45 = _____ 30 − -7 = _____

15 − -33 = _____ -44 − 43 = _____

17 − -46 = _____ 37 − +30 = _____

-9 − -7 = _____ -40 − 11 = _____

20 − -36 = _____ -24 − -21 = _____

15 − -13 = _____ -34 − -12 = _____

29 − 33 = _____ -44 − -18 = _____

20 − -29 = _____ 10 − 35 = _____

Enter the Room **Directed Numbers Subtraction Challenge**

-12 − 4 = _____ -21 − -4 = _____

-20 − 0 = _____ 0 − -20 = _____

-13 − -45 = _____ 30 − -7 = _____

15 − -33 = _____ -44 − 43 = _____

17 − -46 = _____ 37 − +30 = _____

-9 − -7 = _____ -40 − 11 = _____

20 − -36 = _____ -24 − -21 = _____

15 − -13 = _____ -34 − -12 = _____

29 − 33 = _____ -44 − -18 = _____

20 − -29 = _____ 10 − 35 = _____

Enter the Room Addition and Subtraction Challenge Cards **Answers**

Addition Challenge

214 + 269 = **483**	439 + 825 = **1264**
964 + 171 = **1135**	597 + 153 = **750**
206 + 858 = **1064**	893 + 689 = **1582**
746 + 491 = **1237**	311 + 592 = **903**
561 + 498 = **1059**	852 + 329 = **1181**
179 + 120 = **299**	713 + 770 = **1483**
889 + 549 = **1438**	899 + 801 = **1700**
937 + 387 = **1324**	230 + 883 = **1113**
168 + 258 = **426**	262 + 314 = **576**
207 + 533 = **740**	810 + 439 = **1249**

Decimal Addition Challenge

0.043 + 0.35 = **0.393**	0.309 + 0.85 = **1.159**
0.047 + 0.28 = **0.327**	0.686 + 0.63 = **1.316**
0.677 + 0.88 = **1.557**	0.334 + 0.18 = **0.514**
0.637 + 0.57 = **1.207**	0.512 + 0.98 = **1.492**
0.907 + 0.95 = **1.857**	0.383 + 0.35 = **0.733**
0.773 + 0.12 = **0.893**	0.859 + 0.69 = **1.549**
0.792 + 0.14 = **0.932**	0.75 + 0.69 = **1.44**
0.68 + 0.65 = **1.33**	0.937 + 0.41 = **1.347**
0.51 + 0.38 = **0.89**	0.678 + 0.2 = **0.878**
0.646 + 0.78 = **1.426**	0.817 + 0.33 = **1.147**

Decimal Subtraction Challenge

0.955 − 0.27 = **0.685**	0.961 − 0.51 = **0.451**
1.271 − 0.75 = **0.521**	0.662 − 0.22 = **0.442**
0.701 − 0.54 = **0.161**	0.905 − 0.25 = **0.655**
1.646 − 0.14 = **1.506**	0.534 − 0.95 = **-0.416**
1.447 − 0.97 = **0.477**	0.902 − 0.03 = **0.872**
1.545 − 0.05 = **1.495**	0.612 − 0.08 = **0.532**
1.183 − 0.89 = **0.293**	1.3 − 0.32 = **0.98**
1.334 − 0.6 = **0.734**	1.234 − 0.97 = **0.264**
0.83 − 0.36 = **0.47**	1.551 − 0.47 = **1.081**
1.02 − 0.83 = **0.19**	0.506 − 0.5 = **0.006**

Direct Numbers Addition Challenge

-50 + -25 = **-75**	34 + +33 = **67**
23 + -43 = **-20**	-1 + -28 = **-29**
-43 + -31 = **-74**	-17 + -14 = **-31**
-39 + -2 = **-41**	5 + +33 = **38**
-39 + +27 = **-12**	-2 + -41 = **-43**
27 + +42 = **69**	18 + -44 = **-26**
-13 + +35 = **22**	7 + -40 = **-33**
-42 + -36 = **-78**	38 + +20 = **8**
-50 + +29 = **-21**	4 + +28 = **32**
-18 + -41 = **-59**	-36 + -25 = **-61**

Directed Numbers Subtraction Challenge

-12 − 4 = **-16**	-21 − -4 = **-17**
-20 − 0 = **-20**	0 − -20 = **20**
-13 − -45 = **32**	30 − -7 = **37**
15 − -33 = **48**	-44 − 43 = **-87**
17 − -46 = **63**	37 − +30 = **7**
-9 − -7 = **-2**	-40 − 11 = **-51**
20 − -36 = **56**	-24 − -21 = **-3**
15 − -13 = **28**	-34 − -12 = **-22**
29 − 33 = **-4**	-44 − -18 = **-26**
20 − -29 = **49**	10 − 35 = **-25**

Subtraction Challenge

4662 − 937 = **3725**	8986 − 227 = **8759**
4126 − 924 = **3202**	6990 − 502 = **6488**
4812 − 980 = **3832**	2741 − 611 = **2130**
7730 − 329 = **7401**	1650 − 547 = **1103**
3255 − 577 = **2678**	2807 − 403 = **2404**
8445 − 937 = **7508**	9107 − 238 = **8869**
4887 − 350 = **4537**	4832 − 294 = **4538**
8820 − 253 = **8567**	2236 − 297 = **1939**
8108 − 490 = **7618**	3892 − 329 = **3563**
3489 − 347 = **3142**	3205 − 228 = **2977**

Enter the Room **Subtraction Challenge**

4662 − 937 = _____ 8986 − 227 = _____

4126 − 924 = _____ 6990 − 502 = _____

4812 − 980 = _____ 2741 − 611 = _____

7730 − 329 = _____ 1650 − 547 = _____

3255 − 577 = _____ 2807 − 403 = _____

8445 − 614 = _____ 9107 − 238 = _____

4887 − 350 = _____ 4832 − 294 = _____

8820 − 253 = _____ 2236 − 297 = _____

8108 − 490 = _____ 3892 − 329 = _____

3489 − 347 = _____ 3205 − 228 = _____

Enter the Room **Subtraction Challenge**

4662 − 937 = _____ 8986 − 227 = _____

4126 − 924 = _____ 6990 − 502 = _____

4812 − 980 = _____ 2741 − 611 = _____

7730 − 329 = _____ 1650 − 547 = _____

3255 − 577 = _____ 2807 − 403 = _____

8445 − 937 = _____ 9107 − 238 = _____

4887 − 350 = _____ 4832 − 294 = _____

8820 − 253 = _____ 2236 − 297 = _____

8108 − 490 = _____ 3892 − 329 = _____

3489 − 347 = _____ 3205 − 228 = _____

Enter the Room **Subtraction Challenge**

4662 − 937 = _____ 8986 − 227 = _____

4126 − 924 = _____ 6990 − 502 = _____

4812 − 980 = _____ 2741 − 611 = _____

7730 − 329 = _____ 1650 − 547 = _____

3255 − 577 = _____ 2807 − 403 = _____

8445 − 937 = _____ 9107 − 238 = _____

4887 − 350 = _____ 4832 − 294 = _____

8820 − 253 = _____ 2236 − 297 = _____

8108 − 490 = _____ 3892 − 329 = _____

3489 − 347 = _____ 3205 − 228 = _____

Enter the Room **Subtraction Challenge**

4662 − 937 = _____ 8986 − 227 = _____

4126 − 924 = _____ 6990 − 502 = _____

4812 − 980 = _____ 2741 − 611 = _____

7730 − 329 = _____ 1650 − 547 = _____

3255 − 577 = _____ 2807 − 403 = _____

8445 − 937 = _____ 9107 − 238 = _____

4887 − 350 = _____ 4832 − 294 = _____

8820 − 253 = _____ 2236 − 297 = _____

8108 − 490 = _____ 3892 − 329 = _____

3489 − 347 = _____ 3205 − 228 = _____