Finding Sum with Rounding

Name:

Use rounding strategies to find the sum.

Rather than lining up the place values, one strategy is to round to the highest place value and solve mentally.

194 + 236 =

In the example above 194 rounds up to 200. That would make our problem look like:

200 + 236 =

Now we can mentally add and find the solution.

200 + 236 = 436

But since we added 6 to 194 (to make it 200), now we have to take 6 away.

436 - 6 = 430

And now we have our sum.

1) 96 + 521 = _____

2) 495 + 307 = _____

3) 595 + 341 = _____

4) 199 + 307 = _____

5) 295 + 280 = _____

6) 197 + 247 = _____

7) 93 + 580 = _____

8) 95 + 149 = _____

9) 98 + 152 = _____

10) 95 + 513 = _____

11) 392 + 397 = _____

12) 92 + 638 = _____

13) 194 + 467 = _____

14) 493 + 506 = _____

15) 96 + 175 = _____

16) 192 + 542 = _____

17) 94 + 146 = _____

18) 294 + 414 = _____

19) 97 + 294 = _____

20) 93 + 358 = _____

Answers

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

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In the example above 194 rounds up to 200. That would make our problem look like:

200 + 236 =

Now we can mentally add and find the solution.

200 + 236 = 436

But since we added 6 to 194 (to make it 200), now we have to take 6 away.

436 - 6 = 430

And now we have our sum.

1) 96 + 521 = 617

2) 495 + 307 = 802

3) 595 + 341 = 936

4) 199 + 307 = 506

5) 295 + 280 = 575

6) 197 + 247 = 444

7) 93 + 580 = 673

8) 95 + 149 = 244

9) 98 + 152 = 250

10) 95 + 513 = 608

11) 392 + 397 = 789

12) 92 + 638 = 730

13) 194 + 467 = 661

14) 493 + 506 = 999

15) 96 + 175 = 271

16) 192 + 542 = 734

17) 94 + 146 = 240

18) 294 + 414 = 708

19) 97 + 294 = 391

20) 93 + 358 = 451

Answers

1. 617
2. 802
3. 936
4. 506
5. 575
6. 444
7. 673
8. 244
9. 250
10. 608
11. 789
12. 730
13. 661
14. 999
15. 271
16. 734
17. 240
18. 708
19. 391
20. 451

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