

Content CW_Grade-5_Arithmetic Operations

Estimate Sum & Difference of Multi Digit Numbers

1. **Estimate the sum or difference. Use rounding.**

$$\begin{array}{r} 13. \quad 2732 \\ \quad 6146 \\ + 7378 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 3257 \\ \quad 612 \\ + 5701 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 4239 \\ \quad 624 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \$ 4.67 \\ \quad 15.08 \\ + 41.13 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad \$41.07 \\ \quad 92.53 \\ + 3.12 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 7893 \\ - 5421 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 8934 \\ - 819 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 9434 \\ - 9251 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad \$83.72 \\ - 8.44 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad \$932.55 \\ - 47.48 \\ \hline \end{array}$$

23. $2357 + 4612 + 5318 + 675$

24. $6531 + 7735 + 943 + 39$

2. **Use rounding to estimate. Then find the sum or difference. (Watch for + or -.)**

$$\begin{array}{r} 17. \quad \$247.00 \\ + 166.72 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad \$621.21 \\ - 354.25 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad \$516.83 \\ + 378.35 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad \$700.01 \\ - 549.34 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad \$357.97 \\ + 689.80 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad \$370.05 \\ - 151.29 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad \$721.63 \\ + 494.09 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad \$270.05 \\ - 179.71 \\ \hline \end{array}$$

3. **Estimate the sum or difference by rounding.**

$$\begin{array}{r} 11. \quad 18.1534 \\ + 7.0901 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4.8359 \\ - 0.7473 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 0.45601 \\ + 0.06428 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 4371.5902 \\ - 127.3246 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 386,002,444 \\ - 49,624,973 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 2.361912 \\ - 0.19008 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 952.0667 \\ \quad 232.608 \\ + 351.03991 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 7.30267 \\ \quad 45.37 \\ + 0.84652 \\ \hline \end{array}$$

4. **Choose the correct addends for each sum.** Use estimation to help you. Explain in your Math Journal the method you used for each exercise.

	Sum	Addends			
16.	6.0108	0.6	4.321	2.1408	3.27
17.	1.4868	0.814	0.143	0.6293	0.7145
18.	1.3861	1.2314	0.005	0.1497	1.147
19.	0.011	0.0009	0.009	0.0201	0.0011

5. **Align and estimate by rounding. Then find the difference.**

9. $0.91 - 0.745$

10. $0.9158 - 0.7444$

11. $8 - 2.04735$

12. $7,106,009 - 248,310$

13. $20,700.675 - 700.775$

14. $1 - 0.3856$

15. $\$1,012,481.37 - 926,399.76$

16. $5,391,602,140 - 4,387,899,000$