

1.10

Adding Larger Numbers with Carrying

• Example 1

Add 285 and 378.

$$\begin{array}{r} 1 \leftarrow \text{Carry 1 ten.} \\ 285 \\ + 378 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \text{Carry } \longrightarrow 11 \\ \text{1 hundred.} \quad 285 \\ + 378 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 11 \\ 285 \\ + 378 \\ \hline 663 \end{array}$$

● ● ● CHECK YOURSELF 1

$$\begin{array}{r} \text{Add.} \quad 479 \\ + 287 \\ \hline \end{array}$$

• Example 2

Add 53, 2678, 587, and 27,009.

$$\begin{array}{r} 1122 \quad \text{Carries} \\ 53 \\ 2,678 \\ 587 \\ + 27,009 \\ \hline 30,327 \end{array}$$

● ● ● CHECK YOURSELF 2

Add 46, 365, 7254, and 24,006.

● ● ● CHECK YOURSELF ANSWERS

1. 766.

2. 31,671.

1.10 Exercises

Name _____

Section _____

Date _____

A N S W E R S

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$$\begin{array}{r} 1. \quad 31 \\ \quad 27 \\ + \quad 35 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 69 \\ \quad 27 \\ + \quad 58 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 213 \\ \quad 78 \\ + \quad 78 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 392 \\ \quad 58 \\ + \quad 58 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 703 \\ \quad 287 \\ + \quad 287 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 898 \\ \quad 457 \\ + \quad 457 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 589 \\ \quad 306 \\ + \quad 42 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 257 \\ \quad 18 \\ + \quad 504 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 590 \\ \quad 345 \\ + \quad 758 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 358 \\ \quad 271 \\ + \quad 595 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 2578 \\ \quad 3455 \\ + \quad 3455 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8295 \\ \quad 4927 \\ + \quad 4927 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 3490 \\ \quad 548 \\ + \quad 25 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 678 \\ \quad 4533 \\ + \quad 70 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 2289 \\ \quad 38 \\ \quad 578 \\ + 3489 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 3678 \\ \quad 259 \\ \quad 27 \\ + 2356 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 35 \\ \quad 29 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 987 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 783 \\ + 529 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 604 \\ \quad 489 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 704 \\ \quad 583 \\ + 435 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 4538 \\ + 2759 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 5832 \\ \quad 539 \\ + 2470 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 684 \\ \quad 5372 \\ \quad 2358 \\ + 56 \\ \hline \end{array}$$

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