Name _____

Key Concept and Vocabulary

$$
\begin{array}{r}
1 \\
126 \\
+\ 325 \\
\hline
451
\end{array}
$$

126 ← addends
+ 325 ← addends
451 ← sum

Add.

Visual Model

To add on a number line, move to the *right*.

$486 + 212 = 698$

$+100 \quad +100 \quad +10 \ +1 \ +1$

486   586   686   696 697 698
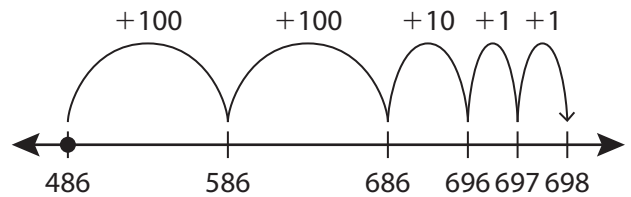
Skill Examples

1.
$$
\begin{array}{r}
11 \\
326 \\
+\ 476 \\
\hline
802
\end{array}
$$

2.
$$
\begin{array}{r}
1 \\
82 \\
79 \\
+\ 18 \\
\hline
179
\end{array}
$$

3.
$$
\begin{array}{r}
2 \\
47 \\
59 \\
64 \\
+\ 91 \\
\hline
261
\end{array}
$$

Use regrouping to add.

4. $197 +\quad 448 = ?$

$$
\begin{array}{rr}
+\ 3 & -\ 3 \\
\hline
200\ + & 445 = 645
\end{array}
$$

Use compensation to add.

∴   So, $197 + 448 = 645$.

Application Example

5. 214 second-grade students and 209 third-grade students vote in a school election. How many students vote in all?

$$
\begin{array}{r}
1 \\
214 \\
+\ 209 \\
\hline
423
\end{array}
$$

∴   423 students vote in all.

PRACTICE MAKES *PURR*-FECT®

Check your answers at BigIdeasMath.com.

Find the sum.

6.
$$
\begin{array}{r}
432 \\
+\ 524 \\
\hline
\end{array}
$$

7.
$$
\begin{array}{r}
748 \\
+\ 193 \\
\hline
\end{array}
$$

8.
$$
\begin{array}{r}
81 \\
65 \\
+\ 17 \\
\hline
\end{array}
$$

9.
$$
\begin{array}{r}
26 \\
52 \\
5 \\
+\ 98 \\
\hline
\end{array}
$$

10. $158 + 100 =$ _____

11. $316 + 10 =$ _____

12. $627 + 259 =$ _____

13. $416 + 294 =$ _____

14. $793 + 108 =$ _____

15. $267 + 585 =$ _____

16. $247 + 374 =$ _____

17. $31 + 63 + 89 =$ _____

18. MUSIC You have 375 songs on your tablet. You download 192 more. How many songs are on your tablet now? _____

19. NUMBER LINE Write the equation shown by the number line.

_____

$+100 \quad +100 \quad +100 \quad +1 \ +1 \ +1 \ +1$

524   624   724   824 825 826 827 828