Name $\qquad$

## Trolley Parks

Trolley parks like Norumbega were built all around the country in the late 1800s. People in cities depended on trolleys for transportation because they didn't have cars. They stayed close to home when they weren't at work or in school. The trolley companies wanted people to use their transportation on the weekends too, so they built amusement parks at the end of the routes. Norumbega was one of the best trolley parks in New England, maybe in the whole country!

When the park was built in 1897, how much did it cost to ride the trolley to
 Norumbega, and enter the park? Solve the cryptogram below to find out.

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


$\overline{20} \overline{22} \overline{25} \overline{2} \overline{9} \overline{15} \quad \overline{22} \overline{5} \overline{10} \overline{9} \quad \overline{13} \overline{26} \overline{10} \quad \overline{9} \quad \overline{26} \overline{20} \overline{22} \overline{13} \overline{26} \overline{11} \overline{9}$







## Trolley Parks Cryptogram Solution Page

Teachers: The cryptogram table on the puzzle page has been left blank, so you can customize it by adding in as many numbers as you think your students will need. Keep the table completely blank for your most advanced students, or fill in some of the numbers for clues.

Use the cryptogram as a stand-alone activity, or as part of a unit. For example, your class can study the development of public transportation in the early $20^{\text {th }}$ century, or research the fate of trolley parks once highways were built and cars became more commonplace. This puzzle could also lead to a discussion about inflation. Fifteen cents might seem like a small amount of money now, but what could $15 ¢$ buy in the year 1900 ? What would a trolley ride and entrance into an amusement park cost today?

Trolley parks like Norumbega were built all around the country in the late 1800s. People in cities depended on trolleys for transportation because they didn't have cars. They stayed close to home when they weren't at work or in school. The trolley companies wanted people to use their transportation on the weekends too, so they built amusement parks at the end of the routes. Norumbega was one of the best trolley parks in New England, maybe in the whole country!

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| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |

$\frac{-A}{13} \quad \frac{\mathrm{c}}{11} \frac{\mathrm{o}}{25} \frac{\mathrm{~m}}{1} \frac{\mathrm{~b}}{12} \frac{\mathrm{i}}{5} \frac{\mathrm{n}}{26}-\frac{\mathrm{a}}{13} \frac{\mathrm{t}}{20} \frac{\mathrm{i}}{5}-\frac{\mathrm{o}}{25} \frac{\mathrm{n}}{26} \quad \frac{\mathrm{t}}{20} \frac{\mathrm{i}}{5}-\frac{\mathrm{c}}{11}-\frac{\mathrm{k}}{3} \frac{\mathrm{e}}{9}-\frac{\mathrm{t}}{20} \quad \frac{\mathrm{f}}{8} \frac{\mathrm{o}}{25}-\frac{\mathrm{r}}{22} \quad \frac{\mathrm{t}}{20}-\frac{\mathrm{h}}{6} \frac{\mathrm{e}}{9}$


$$
\frac{f}{8} \frac{\mathrm{i}}{5} \frac{\mathrm{f}}{8} \frac{\mathrm{t}}{20}-\frac{\mathrm{e}}{9} \frac{\mathrm{e}}{9}-\frac{\mathrm{n}}{26} \quad \frac{\mathrm{c}}{11} \frac{\mathrm{e}}{9}-\frac{\mathrm{n}}{26} \frac{\mathrm{t}}{20} \frac{\mathrm{~s}}{21} \quad-\frac{\mathrm{p}}{24}-\frac{\mathrm{e}}{9} \frac{\mathrm{r}}{22} \quad-\frac{\mathrm{p}}{24} \frac{\mathrm{e}}{9} \frac{\mathrm{r}}{22} \frac{\mathrm{~s}}{21} \frac{\mathrm{o}}{25} \frac{\mathrm{n}}{26} .
$$

$$
-\frac{\mathrm{E}}{9} \frac{\mathrm{v}}{18} \frac{\mathrm{e}}{9} \frac{\mathrm{n}}{26} \quad-\frac{\mathrm{a}}{13} \frac{\mathrm{t}}{20} \quad \frac{\mathrm{t}}{20} \frac{\mathrm{~h}}{6}-\frac{\mathrm{a}}{13} \frac{\mathrm{t}}{20} \quad-\frac{\mathrm{p}}{24} \frac{\mathrm{r}}{22} \frac{\mathrm{i}}{5} \frac{\mathrm{c}}{11} \frac{\mathrm{e}}{9}, \quad \frac{\mathrm{~s}}{21}-\frac{\mathrm{o}}{25}-\frac{\mathrm{m}}{1}-\frac{\mathrm{e}}{9}
$$

$$
-\frac{f}{8} \frac{a}{13}-\frac{m}{1} \frac{i}{5} \frac{1}{2} \frac{i}{5}-\frac{e}{9}-\frac{s}{21} \quad-\frac{c}{11}-\frac{o}{25}-\frac{u}{19} \frac{1}{2}-\frac{d}{10} \quad-\frac{o}{25}-\frac{n}{26}-\frac{1}{2}-\frac{\mathrm{y}}{15}
$$

$$
-\frac{\mathrm{a}}{13}-\frac{\mathrm{f}}{8}-\frac{\mathrm{f}}{8}-\frac{\mathrm{o}}{25}-\frac{\mathrm{r}}{22}-\frac{\mathrm{d}}{10} \quad-\frac{\mathrm{o}}{25}-\frac{\mathrm{n}}{26}-\frac{\mathrm{e}}{9} \quad-\frac{\mathrm{v}}{18}-\frac{\mathrm{i}}{5}-\frac{\mathrm{s}}{21}-\frac{\mathrm{i}}{5}-\frac{\mathrm{t}}{20} \quad-\frac{\mathrm{t}}{20}-\frac{\mathrm{o}}{25}
$$

$\frac{N}{26} \frac{0}{25} \frac{r}{22} \frac{u}{19} \frac{m}{1} \frac{b}{12} \frac{e}{9}-\frac{g}{7} \frac{a}{13} \quad \frac{e}{9}-\frac{a}{13}-\frac{c}{11} \frac{h}{6} \quad \frac{s}{21}-\frac{u}{19}-\frac{m}{1} \frac{m}{1} \frac{e}{9} \frac{r}{22}$.

