**Distance Between Two Points Codbreaker - Answers**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$15$$ | $$11.7$$ | $$8.6$$ | $$3.7$$ | $$6.7$$ | $$5$$ | $$20$$ | $$6.4$$ | $$9.9$$ | $$4.6$$ | $$10$$ | $$8.1$$ | $$9.6$$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$5.1$$ | $$13$$ | $$10.5$$ | $$5.3$$ | $$4.2$$ | $$13.8$$ | $$7.3$$ | $$7.4$$ | $$10.4$$ | $$5.8$$ | $$12.4$$ | $$26$$ | $$8.4$$ |

Find the distance between each of the pairs of coordinates, rounding answers to $1$ decimal place when necessary, link your answers to the table above to reveal why the whale went bungee jumping:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| $\left(2,1\right)$ and $\left(6,4\right)$ | $\left(1,1\right)$ and $\left(13,6\right)$ | $\left(-1,4\right)$ and $\left(2,7\right)$ | $\left(-3,5\right)$ and $\left(4,7\right)$ | $\left(2,4\right)$ and $\left(6,-1\right)$ |
| $$5$$ | $$13$$ | $$4.2$$ | $$7.3$$ | $$6.4$$ |
| F | O | R | T | H |
|  |  |  |  |  |
| $\left(-2,1\right)$ and $\left(1,7\right)$ | $\left(3,1\right)$ and $\left(-5,-5\right)$ | $\left(-2,1\right)$ and $\left(-5,-2\right)$ | $\left(4,3\right)$ and $\left(11,-4\right)$ | $\left(1,6\right)$ and $\left(-3,13\right)$ |
| $$6.7$$ | $$10$$ | $$4.2$$ | $$9.9$$ | $$8.1$$ |
| E | K | R | I | L |
|  |  |  |  |  |
| $\left(-2,1\right)$ and $\left(5,-3\right)$ | $\left(3,7\right)$ and $\left(-2,-5\right)$ | $\left(2,-4\right)$ and $\left(5,-8\right)$ | $\left(2,-5\right)$ and $\left(-5,-12\right)$ | $\left(-1,-1\right)$ and $\left(1,-8\right)$ |
| $$8.1$$ | $$13$$ | $$5$$ | $$9.9$$ | $$7.3$$ |
| L | O | F | I | T |