## Maths Code Crackers | Year 4 | Decimals | Questions

## International Jazz Day (30 April)

In November 2011, the United Nations Educational, Scientific and Cultural Organisation designated this day as International Jazz Day. Each year, the aim of this celebration is to encourage peace and discussions between different cultures and people. A different city is named the Global Host City for International Jazz Day each year.
Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1. What is the value of the underlined digit 32.03?
2. What must be added to 0.8 to make a total of 2?
3. Which of these numbers is the greatest number?
$\begin{array}{llll}0.09 & 0.9 & 0.81 & 0.23\end{array}$
4. What must be added to 1.15 to make a total of 2?
5. Which of these decimal numbers is closest to 1
$1.2 \quad 0.65 \quad 1.45 \quad 0.9$ ?
6. Which of these numbers is the smallest number
$0.09 \quad 0.3$
0.37
0.73 ?
7. Which of these numbers will be closest to 21 if you round down $21.12 \quad 20.63 \quad 21.55 \quad 1.2$ ?
8. Put these numbers in order. Which one would be in the middle $0.03 \quad 0.8 \quad 0.01$ ?
9. Which of these decimal numbers is closest to 1
$0.7 \quad 1.25 \quad 1.2 \quad 0.75$ ?
10. Put these numbers in order. Which one would be in the middle

$$
\begin{array}{lllll}
0.02 & 0.09 & 0.2 & 0.06 & 0.29 ?
\end{array}
$$

12. Put these numbers in descending order. Which one will be second in the list
13. Put these numbers in ascending order. Which one will be second in the list $40.9 \quad 24.08 \quad 24.8 \quad 9.4$ ?

## Did you know?

Jazz is a style of music that often involves a lot of improvisation from the musicians.
10. What is the value of the underlined digit 61.61?
13. What must be added to fifteen hundredths to make one?

| $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ | $\mathbf{G}$ | $\mathbf{H}$ | $\mathbf{I}$ | $\mathbf{J}$ | $\mathbf{K}$ | $\mathbf{L}$ | $\mathbf{M}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21.12 | 0.23 | 0.6 | 0.02 | 1.2 | 61.16 | 1.25 | 0.9 | 0.85 | 0.81 | 24.08 | 0.29 | 21.2 |
| $\mathbf{N}$ | $\mathbf{O}$ | $\mathbf{P}$ | $\mathbf{Q}$ | $\mathbf{R}$ | $\mathbf{S}$ | $\mathbf{T}$ | $\mathbf{U}$ | $\mathbf{V}$ | $\mathbf{W}$ | $\mathbf{X}$ | $\mathbf{Y}$ | $\mathbf{Z}$ |
| 0.3 | 1.45 | 0.29 | 29.3 | 0.09 | 0.18 | 0.03 | 61.61 | 1.01 | 24.8 | 0.8 | 1.05 | 22.1 |

## How do you make a bandstand?

1. What is the value of the underlined digit 32.03? 0.03
2. Which of these numbers will be closest to 21 if you round
down 21.12 $20.63 \quad 21.55$ 21.2?

A
3. Put these numbers in ascending order. Which one will be second in the list $40.9 \quad 24.08 \quad 24.8 \quad 9.4$ ?
24.08

K
4. What must be added to 0.8 to make a total of 2 ?
1.2
0.03

T
6. Which of these numbers is the greatest number? $\begin{array}{llll}0.09 & 0.9 & 0.81 & 0.23\end{array}$
0.9
1.2
0.85
0.09

R
10. What is the value of the underlined digit 61.61?
0.6
11. Which of these decimal numbers is closest to 1 $\begin{array}{llll}1.2 & 0.65 & 1.45 & 0.9\end{array}$
0.9
12. Put these numbers in descending order. Which one will be $\begin{array}{lllll}\text { second in the list } & 11.22 & 22.1 & 12.21 & 21.12 ?\end{array}$
13. What must be added to fifteen hundredths to make one?
0.85
14. Which of these numbers is the smallest number $\begin{array}{lllll}0.09 & 0.3 & 0.37 & 0.73 ? & 0.09\end{array}$

R
15. The decimal number 0.98 can be partitioned into 0.8 and
$\qquad$ 0.18

S

Take their chairs.

