## Maths Code Crackers | Year 3| Fractions | Questions

## National Walking Month (May)

Walking is an excellent way to keep you healthy. One key benefit from walking is that it strengthens your heart. Your heart is responsible for pumping blood and oxygen all round the body, which keeps all your other organs working. The NHS recommends having a 'brisk' walk every day for 10 minutes will have a lot of health benefits.

Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1. How many fifths is the same as $\frac{6}{10}$
2. Which of these is the smallest fraction $\frac{1}{5} \quad \frac{1}{10} \quad \frac{1}{3}$
3. $\frac{2}{12}+\frac{1}{12}+\frac{6}{12}=\frac{?}{?}$
4. How many twelfths equal $\frac{1}{2}$
5. How many quarters is the same as $\frac{3}{12}$
6. If you put these fractions in ascending order, which fraction would be second?
$\begin{array}{lllll}\frac{5}{10} & \frac{2}{10} & \frac{9}{10} & \frac{4}{10} & \frac{7}{10}\end{array}$
7. $\frac{1}{4}$ is the same as how many eighths?
8. What do you subtract from $\frac{6}{7}$ to make $\frac{2}{7}$ ?
9. $\frac{3}{4}$ is the same as how many twelfths?

## Did you know?

A 'brisk' walk is about 3 miles an hour, which is faster than a 'stroll'.
10. Which of these is the largest fraction

$$
\begin{array}{lll}
\frac{1}{6} & \frac{4}{6} & \frac{2}{6}
\end{array}
$$

| A | B | C | D | E | F | G | H | I | J | K | L | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\frac{3}{7}$ | $\frac{9}{10}$ | $\frac{1}{4}$ | $\frac{2}{4}$ | $\frac{2}{6}$ | $\frac{2}{8}$ | $\frac{1}{9}$ | $\frac{8}{9}$ | $\frac{4}{8}$ | $\frac{1}{3}$ | $\frac{10}{12}$ | $\frac{6}{12}$ | $\frac{4}{5}$ |
| N | $\mathbf{O}$ | P | Q | R | S | T | U | V | W | X | Y | Z |
| $\frac{4}{6}$ | $\frac{9}{12}$ | $\frac{1}{10}$ | $\frac{2}{10}$ | $\frac{4}{7}$ | $\frac{3}{5}$ | $\frac{4}{10}$ | $\frac{3}{8}$ | $\frac{9}{9}$ | $\frac{1}{5}$ | $\frac{7}{10}$ | $\frac{1}{6}$ | $\frac{7}{8}$ |

If you're on a walk and find a fork in the road, what do you do?

$$
\overline{1} \overline{2} \overline{3} \quad \overline{4} \overline{6} \overline{7} \quad \overline{8} \quad \overline{9} \quad \overline{10} \quad \overline{11} \overline{12}
$$

1. How many fifths is the same as $\frac{6}{10} \quad \frac{3}{5}$

S
2. If you put these fractions in ascending order, which fraction would be second? $\frac{5}{10} \quad \frac{2}{10} \quad \frac{9}{10} \quad \frac{4}{10} \quad \frac{7}{10}$
$\frac{4}{10} \quad$ T
3. $\frac{3}{4}$ is the same as how many twelfths?
4. Which of these is the smallest fraction $\quad \frac{1}{5} \quad \frac{1}{10} \quad \frac{1}{3}$
$\frac{9}{12}$
5. $\frac{1}{4}$ is the same as how many eighths?
6. $\frac{2}{12}+\frac{1}{12}+\frac{6}{12}=\frac{?}{?}$
7. What do you subtract from $\frac{6}{7}$ to make $\frac{2}{7}$ ?

R
8. How many twelfths equal $\frac{1}{2}$
9. If you put these fractions in descending order, which fraction would be placed last? $\begin{array}{lllll}8 & \frac{3}{8} & \frac{7}{8} & \frac{4}{8} & \frac{8}{8}\end{array}$
10. Which of these is the largest fraction $\begin{array}{llll}6 & \frac{4}{6} & \frac{2}{6}\end{array}$
11. How many quarters is the same as $\frac{3}{12}$
12. $\frac{4}{9}+\frac{4}{9}=\frac{?}{?}$
$\frac{3}{8} \quad \mathrm{U}$

