Maths Code Crackers | Year 4 | Fractions | Questions

World Book Day (First Thursday in March)

World Book Day aims to provide every child and young person in the country with a book. Every year, authors, illustrators and book fans come together to make reading fun. Many authors share their experience of writing and top tips for aspiring authors. Many schools encourage children to dress up, share a story or participate in exciting book related activities.

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

1.
$$\frac{5}{10} = \frac{?}{?}$$

2.
$$\frac{1}{100}$$
, $\frac{2}{100}$, $\frac{3}{100}$, ____

3.
$$\frac{4}{25} + \frac{10}{25} + \frac{6}{25} =$$

4.
$$\frac{2}{5} = \frac{10}{25} = \frac{20}{50} = \frac{?}{100}$$

5.
$$\frac{4}{15} = \frac{8}{?}$$

6.
$$\frac{2}{7} + \frac{4}{7} =$$

7.
$$10 - \frac{1}{4} =$$

The Bible is the world's bestselling and most widely distributed book.

8.
$$\frac{1}{30} + \frac{7}{30} =$$

9.
$$\frac{6}{12} = \frac{3}{6} = \frac{1}{?}$$

10.
$$\frac{18}{30}$$
 - $\frac{10}{30}$ =

12.
$$3 - \frac{1}{2} =$$

13.
$$\frac{12}{50} - \frac{7}{50} =$$

14.
$$\frac{31}{100}$$
, $\frac{34}{100}$, $\frac{37}{100}$,

| Α | В | С | D | E | F | G | Н | I | J | K | L | М |
|-----------------|-----------------|-----------------|------------------|---------------|-----------------|----------------|-----------------|---------------|----------------|---------------------|----------------|------------------|
| <u>20</u> 25 | $3 \frac{1}{2}$ | <u>4</u> 100 | <u>35</u> 100 | 2 | $10\frac{3}{4}$ | <u>8</u> 60 | <u>5</u> 100 | <u>1</u> 2 | <u>4</u> 10 | $10^{-\frac{1}{4}}$ | $9\frac{1}{4}$ | <u>20</u> 75 |
| N | 0 | Р | Q | R | S | Т | U | V | W | Х | Υ | Z |
| 40 100 | $2\frac{1}{2}$ | <u>6</u> 7 | <u>45</u> 100 | <u>8</u> 0 | <u>16</u> 25 | <u>8</u> 30 | 9 <u>3</u> | <u>2</u> 7 | <u>5</u> 50 | <u>19</u> 50 | <u>5</u> 0 | <u>30</u> 100 |

I've been reading a book about gravity.

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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| | $\frac{5}{10} = \frac{?}{2}$ | $\frac{\frac{1}{2}}{\frac{4}{100}}$ |
|-----|---|-------------------------------------|
| 2. | $\frac{1}{100}$, $\frac{2}{100}$, $\frac{3}{100}$, | $\frac{4}{100}$ |
| 3. | $\frac{4}{25} + \frac{10}{25} + \frac{6}{25} =$ | <u>20</u> 25 |
| 4. | $\frac{2}{5} = \frac{10}{25} = \frac{20}{50} = \frac{?}{100}$ | <u>40</u> 100 |
| 5. | $\frac{4}{15} = \frac{8}{?}$ | <u>8</u> 30 |
| 6. | $\frac{2}{7} + \frac{4}{7} =$ | 67 9 <u>3</u> 4 8 30 |
| 7. | $10 - \frac{1}{4} =$ | 9 3 |
| 8. | $\frac{1}{30} + \frac{7}{30} =$ | |
| 9. | $\frac{6}{12} = \frac{3}{6} = \frac{1}{?}$ | 1 2 8 30 |
| 10. | $\frac{18}{30} - \frac{10}{30} =$ | <u>8</u> 30 |
| 11. | 50 45 40 100, 100, 100, | <u>35</u> 100 |
| 12. | $3 - \frac{1}{2} =$ | $2\frac{1}{2}$ |
| 13. | $\frac{12}{50} - \frac{7}{50} =$ | <u>5</u> 50 |
| 14. | $\frac{31}{100}$, $\frac{34}{100}$, $\frac{37}{100}$, | <u>40</u> 100 |

I've been reading a book about gravity.

I can't put it down.

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