

Maths Code Crackers | Year 5 | Multiplication and Division | Questions

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

1. $54 \times 76 =$

2. $3,648 \times 22 =$

3. Cans of drinks are packed in trays of 6. There are 5,623 cans. How many trays are needed?

4. Cans of drinks are packed in trays of 6. There are 5,623 cans. Once packed, how many trays will be full?

5. $3,752 \div 7 =$

Did you know?

The Brontë sisters all published their work under masculine pen names with the last name of 'Bell'.

6. $836 \times 17 =$

7. $2,484 \times 4 =$

8. $5,560 \div 8 =$

9. $56 \times 39 =$

10. $1,824 \times 44 =$

11. $78 \times 28 =$

12. $1,242 \times 8 =$

13. $418 \times 34 =$

14. $621 \times 16 =$

A	B	C	D	E	F	G	H	I	J	K	L	M
695	4,104	475	288	14,212	74,272	53,244	2,848	5,793	3,596	524	75,356	3,567
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
937	938	5,830	443	80,256	9,936	536	2,184	829	539	156	43,543	6,894

What kind of dinosaurs write romance novels?

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

1.	$54 \times 76 =$	4,104	B
2.	$3,648 \times 22 =$	80,256	R
3.	Cans of drinks are packed in trays of 6. There are 5,623 cans. How many trays are needed?	938	O
4.	Cans of drinks are packed in trays of 6. There are 5,623 cans. Once packed, how many trays will be full?	937	N
5.	$3,752 \div 7 =$	536	T
6.	$836 \times 17 =$	14,212	E
7.	$2,484 \times 4 =$	9,936	S
8.	$5,560 \div 8 =$	695	A
9.	$56 \times 39 =$	2,184	U
10.	$1,824 \times 44 =$	80,256	R
11.	$78 \times 28 =$	2,184	U
12.	$1,242 \times 8 =$	9,936	S
13.	$418 \times 34 =$	14,212	E
14.	$621 \times 16 =$	9,936	S

What kind of dinosaurs write romance novels?

Brontë-sauruses.

Maths Code Crackers | Year 5 | Fractions | Questions

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

1. $\frac{2}{5} + \frac{1}{3} + \frac{2}{15} =$

2. Which is the largest of these fractions: $\frac{2}{5}$ $\frac{3}{10}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{13}{20}$

3. Write $\frac{4}{16}$ in quarters.

4. $\frac{1}{5} \times 4 =$

5. $\frac{2}{7} + \frac{1}{3} =$

Did you know?

The Earth is in 'The Goldilocks Zone' in our solar system. This refers to the area around a star where the temperature is just right for liquid water and possible life.

6. What is double one third?

7. Write $\frac{3}{2}$ as a mixed number.

8. $\frac{3}{7} \times 2 =$

9. Which is smaller: $\frac{1}{4}$ or $\frac{2}{5}$?

10. $1\frac{3}{4} \times 2 =$

11. $12 = \frac{2}{7}$ of 36

12. $\frac{11}{12} - \frac{1}{4} =$

13. $2\frac{1}{3} - \frac{5}{6} =$

14. Write $1\frac{1}{3}$ as an improper fraction.

15. $5 = \frac{2}{7}$ of 20

A	B	C	D	E	F	G	H	I	J	K	L	M
$3\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{4}$	$2\frac{1}{3}$	$\frac{5}{6}$	$\frac{3}{4}$	$1\frac{1}{3}$	$\frac{1}{7}$	$2\frac{1}{2}$	$\frac{3}{10}$	$\frac{1}{3}$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$\frac{4}{5}$	$\frac{2}{3}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{4}{3}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$\frac{2}{7}$	$\frac{13}{15}$	$1\frac{2}{3}$	$\frac{13}{21}$	$\frac{5}{23}$

When is it bad luck to see a black cat?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

- | | | | |
|-----|---|-----------------|---|
| 1. | $\frac{2}{5} + \frac{1}{3} + \frac{2}{15} =$ | $\frac{13}{15}$ | W |
| 2. | Which is the largest of these fractions: $\frac{2}{5}$ $\frac{3}{10}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{13}{20}$ | $\frac{3}{4}$ | H |
| 3. | Write $\frac{4}{16}$ in quarters. | $\frac{1}{4}$ | E |
| 4. | $\frac{1}{5} \times 4 =$ | $\frac{4}{5}$ | N |
| 5. | $\frac{2}{7} + \frac{1}{3} =$ | $\frac{13}{21}$ | Y |
| 6. | What is double one third? | $\frac{2}{3}$ | O |
| 7. | Write $\frac{3}{2}$ as a mixed number. | $1\frac{1}{2}$ | U |
| 8. | $\frac{3}{7} \times 2 =$ | $\frac{6}{7}$ | R |
| 9. | Which is smaller: $\frac{1}{4}$ or $\frac{2}{5}$? | $\frac{1}{4}$ | E |
| 10. | $1\frac{3}{4} \times 2 =$ | $3\frac{1}{2}$ | A |
| 11. | $12 = \frac{?}{7}$ of 36 | $\frac{1}{3}$ | M |
| 12. | $\frac{11}{12} - \frac{1}{4} =$ | $\frac{2}{3}$ | O |
| 13. | $2\frac{1}{3} - \frac{5}{6} =$ | $1\frac{1}{2}$ | U |
| 14. | Write $1\frac{1}{3}$ as an improper fraction. | $\frac{4}{3}$ | S |
| 15. | $5 = \frac{?}{7}$ of 20 | $\frac{1}{4}$ | E |

When is it bad luck to see a black cat?

When you're a mouse.