competition

conscience

conscious

controversy

convenience
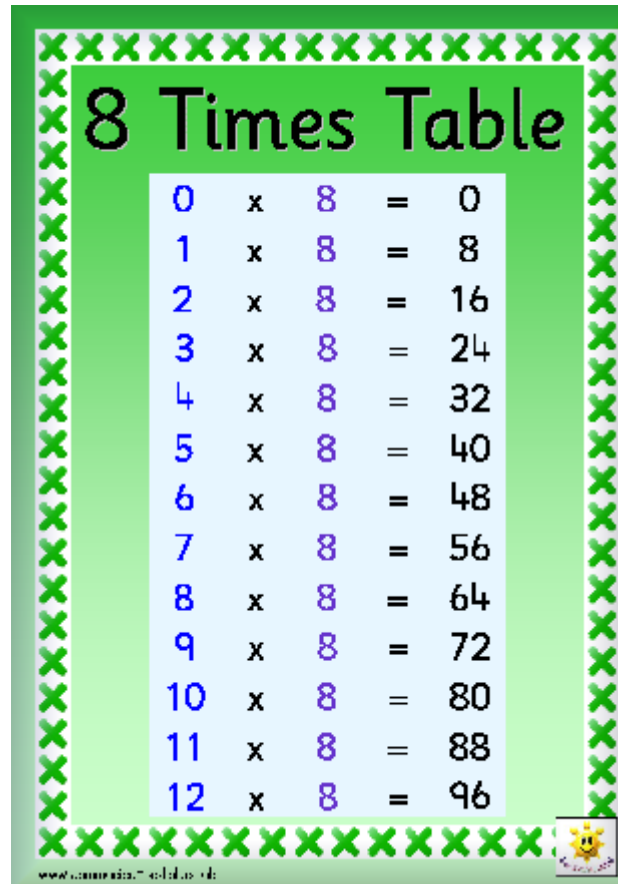
correspond

criticise

curiosity

definite

desperate

8 Times Table

0	x	8	=	0
1	x	8	=	8
2	x	8	=	16
3	x	8	=	24
4	x	8	=	32
5	x	8	=	40
6	x	8	=	48
7	x	8	=	56
8	x	8	=	64
9	x	8	=	72
10	x	8	=	80
11	x	8	=	88
12	x	8	=	96

TARGET To make connections between fractions, decimals and percentages.

Examples

$\frac{1}{10} = 0.1 = 10\%$ $\frac{1}{100} = 0.01 = 1\%$ $\frac{1}{4} = 0.25 = 25\%$

$\frac{2}{10} = 0.2 = 20\%$ $\frac{2}{100} = 0.02 = 2\%$ $\frac{1}{2} = 0.5 = 50\%$

$\frac{3}{10} = 0.3 = 30\%$ $\frac{3}{100} = 0.03 = 3\%$ $\frac{3}{4} = 0.75 = 75\%$

and so on   and so on

A

Write True or False.

1 $\frac{3}{10} = 0.3$

2 $\frac{1}{2} = 0.2$

3 $\frac{1}{4} = 25\%$

4 $\frac{7}{10} = 70\%$

5 $0.4 = \frac{1}{4}$

6 $0.75 = \frac{3}{4}$

7 $0.1 = 10\%$

8 $0.8 = 8\%$

9 $6\% = \frac{6}{100}$

10 $50\% = \frac{1}{2}$

11 $9\% = \frac{9}{10}$

12 $25\% = \frac{2}{5}$

13 Match each fraction with either a decimal or a percentage.

$\frac{6}{10}$	75%
$\frac{34}{100}$	0.12
$\frac{1}{2}$	6%
$\frac{12}{100}$	0.34
$\frac{6}{100}$	50%
$\frac{3}{4}$	0.6

B

Write as fractions.

1 0.32

2 0.5

3 0.7

4 0.65

5 25%

6 8%

7 20%

8 47%

Write as decimals.

9 $\frac{75}{100}$

10 $\frac{71}{100}$

11 $\frac{4}{10}$

12 $\frac{9}{100}$

13 54%

14 50%

15 86%

16 90%

Write as percentages.

17 $\frac{15}{100}$

18 $\frac{3}{10}$

19 $\frac{1}{4}$

20 $\frac{68}{100}$

21 0.02

22 0.1

23 0.75

24 0.99

Give the answer as a decimal.

25 $\frac{37}{100} + 0.2$

26 $0.95 - \frac{1}{2}$

27 $\frac{4}{10} + 0.33$

28 $\frac{1}{4} - 0.06$

Give the answer as a percentage.

29 $\frac{3}{4} + 10\%$

30 $66\% - \frac{38}{100}$

31 $\frac{1}{4} + 9\%$

32 $92\% - \frac{4}{10}$

C

Write in ascending order.

1 $\frac{66}{100}$ 0.16 61%

2 0.5 15% $\frac{1}{5}$

3 61% $\frac{6}{10}$ 0.166

4 $\frac{3}{4}$ 0.43 40%

5 0.8 38% $\frac{3}{8}$

6 21% $\frac{2}{10}$ 0.201

7 $\frac{1}{4}$ 0.14 41%

8 0.19 9% $\frac{1}{9}$

Give the answer as a percentage.

9 $0.4 + \frac{3}{10}$

10 $\frac{3}{4} - 0.19$

11 $0.49 + \frac{1}{2}$

12 $\frac{58}{100} - 0.38$

Give the answer as a decimal.

13 $\frac{6}{10} + 15\%$

14 $55\% - \frac{1}{4}$

15 $\frac{2}{5} + 2\%$

16 $10\% - \frac{3}{100}$