exaggerate

excellent

existence

explanation

familiar
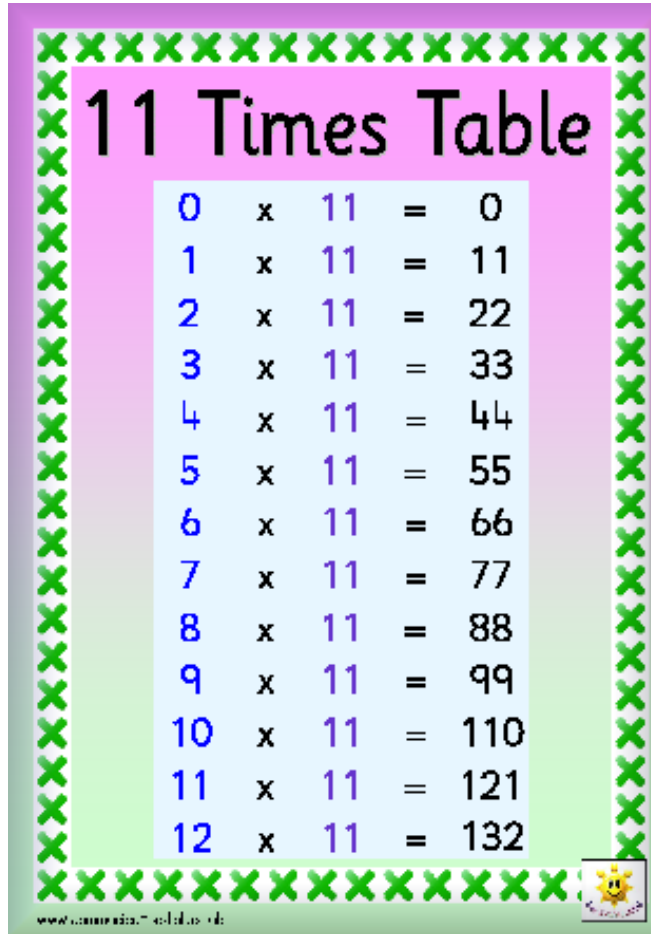
foreign

forty

frequently

government

guarantee

11 Times Table

0	x	11	=	0
1	x	11	=	11
2	x	11	=	22
3	x	11	=	33
4	x	11	=	44
5	x	11	=	55
6	x	11	=	66
7	x	11	=	77
8	x	11	=	88
9	x	11	=	99
10	x	11	=	110
11	x	11	=	121
12	x	11	=	132

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TARGET To identify multiples.

A multiple of a number can be divided by that number without leaving a remainder.

Example

$24 \div 6 = 4$ $56 \div 6 = 9 \text{ r } 2$ $120 \div 6 = 20$ $3000 \div 6 = 500$

24, 120 and 3000 are multiples of six. 56 is not a multiple of six.

A

Write down the first six multiples of:

1. 3
2. 4
3. 6
4. 9.

Write Yes or No.

5. Is 78 a multiple of 2?
6. Is 25 a multiple of 3?
7. Is 48 a multiple of 4?
8. Is 95 a multiple of 5?
9. Is 130 a multiple of 10?
10. Is 56 a multiple of 6?
11. Is 56 a multiple of 7?
12. Is 56 a multiple of 8?

Which number should not be in the box?

13. Multiples of 5
    65, 130, 151, 115

14. Multiples of 7
    74, 63, 140, 56

15. Multiples of 8
    64, 88, 72, 84

16. Multiples of 9
    45, 39, 72, 108

B

Write down the first six multiples of:

1. 7
2. 12
3. 15
4. 99.

Write True or False.

5. 48 is a multiple of 3.
6. 152 is a multiple of 5.
7. 42 is a multiple of 4.
8. 72 is a multiple of 6.
9. 91 is a multiple of 7.
10. 104 is a multiple of 8.
11. 109 is a multiple of 9.
12. 111 is a multiple of 11.
13. 140 is a multiple of 20.
14. 510 is a multiple of 50.
15. 250 is a multiple of 100.
16. 360 is a multiple of 12.

Write down:

17. the 20th multiple of 8
18. the 4th multiple of 19
19. the 13th multiple of 12
20. the 5th multiple of 22.

C

1. Make up a rule for recognising multiples of:
   a) 2 b) 10 c) 5.

   A number is a multiple of 3 if the sum of its digits is divisible by 3.
   Multiples of 3 which are even are also multiples of 6.

   ### Examples
   $8 + 7 + 3 = 18$
   (divisible by 3)
   387 is a multiple of 3
   378 is a multiple of 3 and 6

2. Which of these numbers are multiples of:
   a) 3   b) 6?

534	267	463	948
715	882	171	

3. Use these digits.
   2 3 5 7 8

   Make up as many three-digit and four-digit multiples of 6 as you can.

4. Investigate the 2 digit and 3 digit multiples of 9. What do you notice?