

CALCULATOR CHALLENGE

1

Consecutive Calculations!

Consecutive numbers follow one after another, e.g. 5, 6, 7.

Can you multiply three consecutive numbers together to make the following answers?

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 24$$

60

15,600

24,360

504

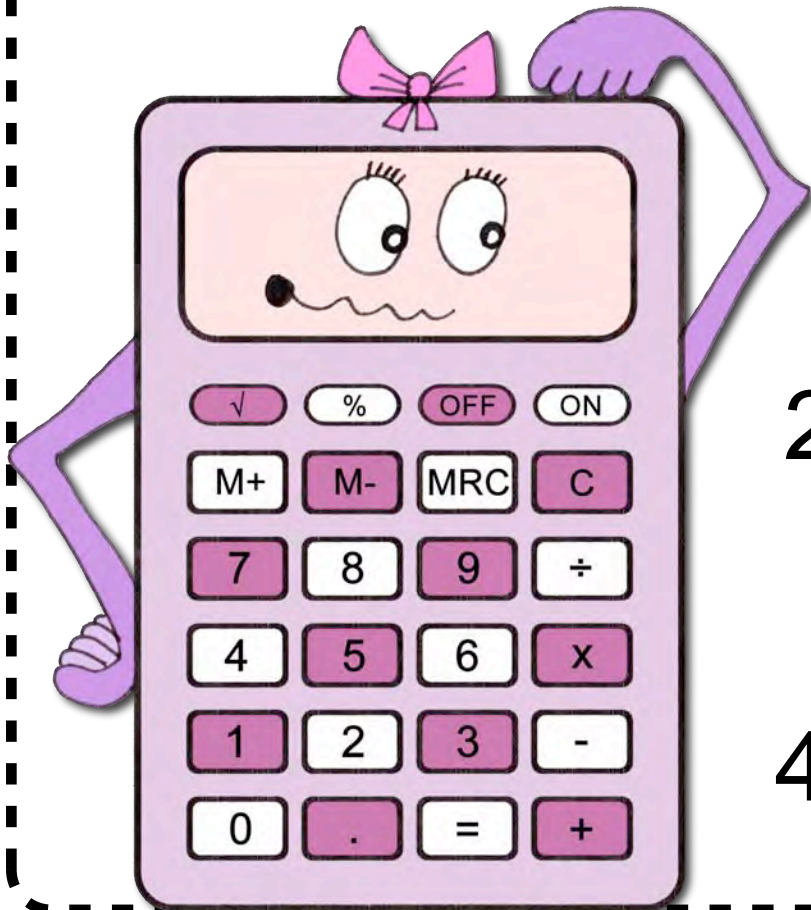
74,046

185,136

1,320

4,896

999,900



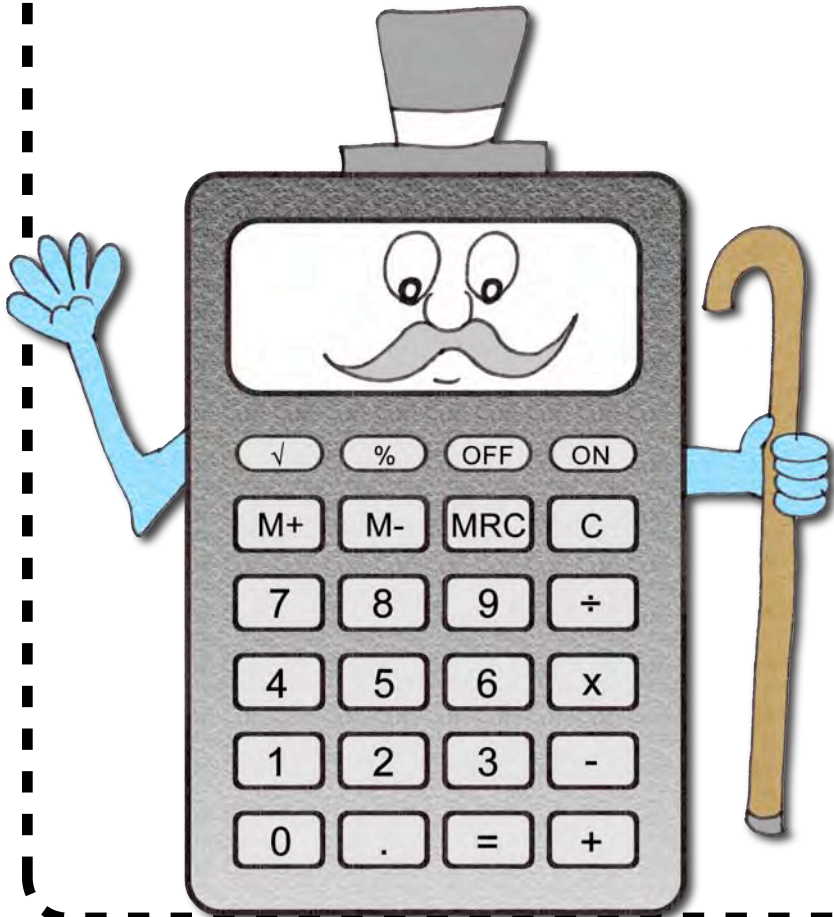
CALCULATOR CHALLENGE

5

One Digit Wonders!

Can you multiply three one-digit numbers to make the following answers?

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 20$$



126

90

112

108

576

168

32

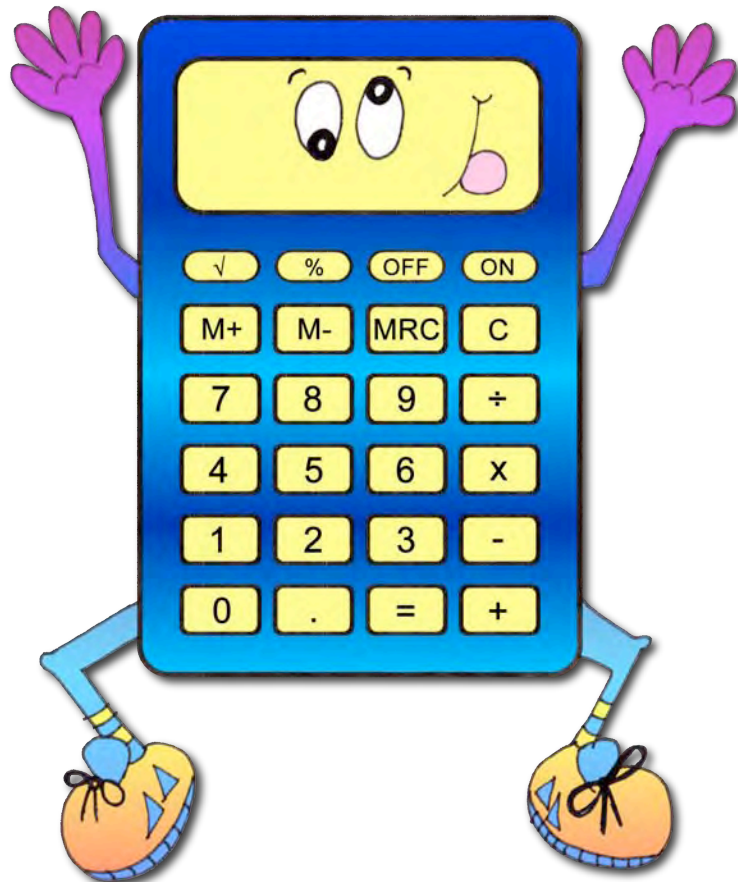
70

243

CALCULATOR CHALLENGE

6

Broken Calculator!



You are only allowed to use the following keys on the calculator. Can you make every number from 1 to 50?

3

4

6

+

-

x

=

Are there any numbers that you can't make?

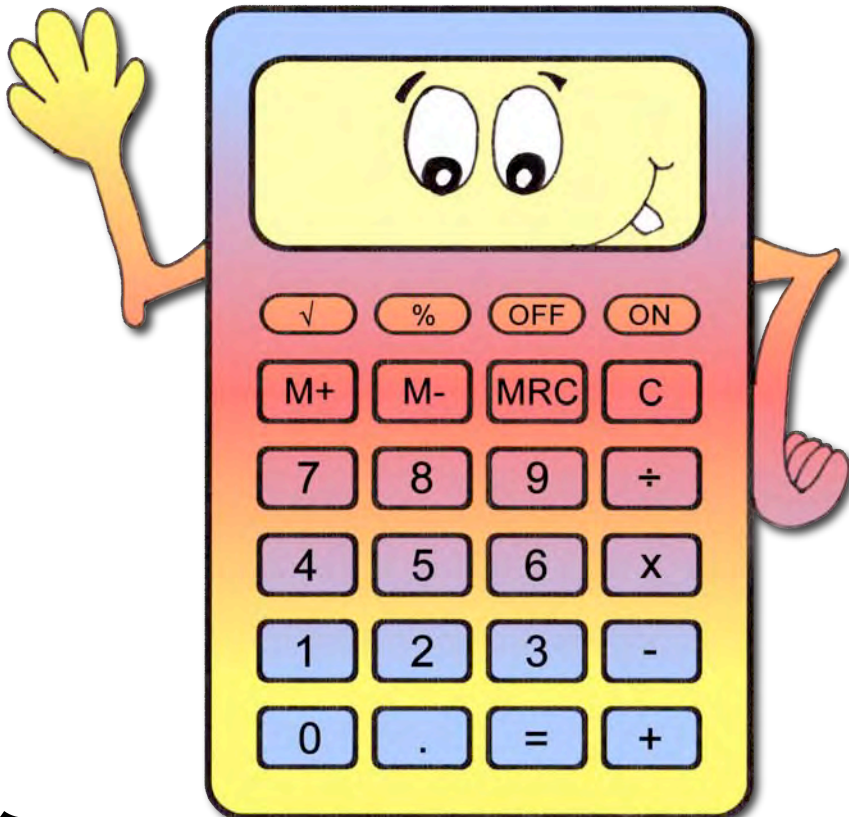
Can you make any numbers that are bigger than 50?

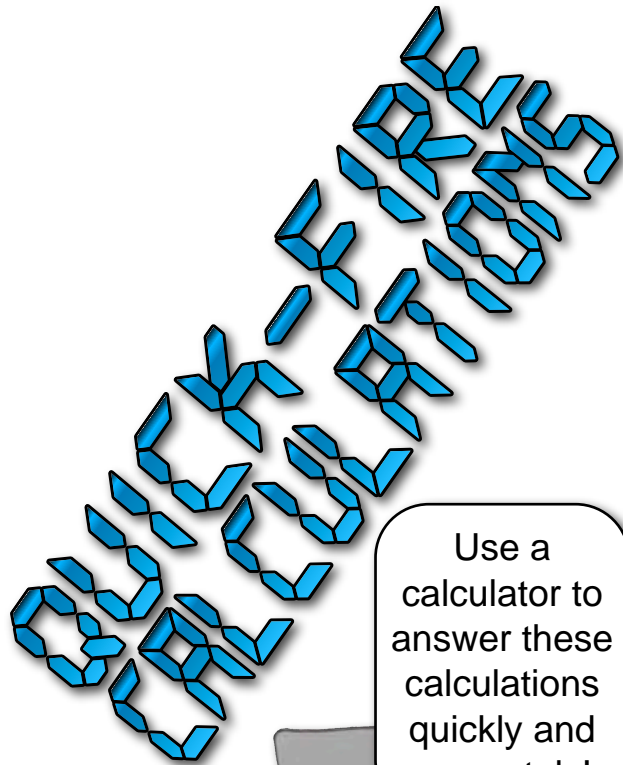
CALCULATOR CHALLENGE 10

Broken Buttons!

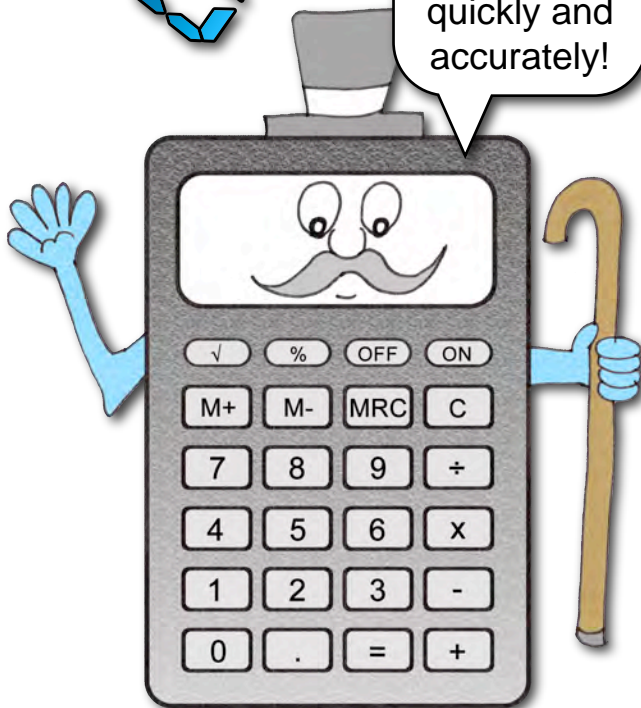
Can you answer these questions and explain how you did it?

- 1) Work out $72 + 19$ without using the **2** key on the calculator.
- 2) Work out 27×13 without using the **x** key.
- 3) Work out $145 + 285$ without using the **5** key.
- 4) Work out $5800 \div 5$ without using the **5** key.
- 5) Work out 193×3 without using the **3** key.
- 6) Work out $1800 - 106$ without using the **0** key.
- 7) Work out 4.5×2.5 without using the **.** key.
- 8) Work out $16 \times 4 \times 20$ without using the **x** key.





Use a calculator to answer these calculations quickly and accurately!



1. $72 + 88 =$ _____

2. $49 + 98 =$ _____

3. $47 + 66 =$ _____

4. $44 + 51 =$ _____

5. $71 + 66 =$ _____

6. $26 + 79 =$ _____

7. $71 - 33 =$ _____

8. $59 - 22 =$ _____

9. $56 - 36 =$ _____

10. $82 - 41 =$ _____

11. $61 - 31 =$ _____

12. $97 - 47 =$ _____

13. $16 \times 8 =$ _____

14. $46 \times 4 =$ _____

15. $47 \times 8 =$ _____

16. $24 \times 4 =$ _____

17. $15 \times 5 =$ _____

18. $27 \times 3 =$ _____

19. $20 \div 10 =$ _____

20. $72 \div 8 =$ _____

21. $42 \div 7 =$ _____

22. $49 \div 7 =$ _____

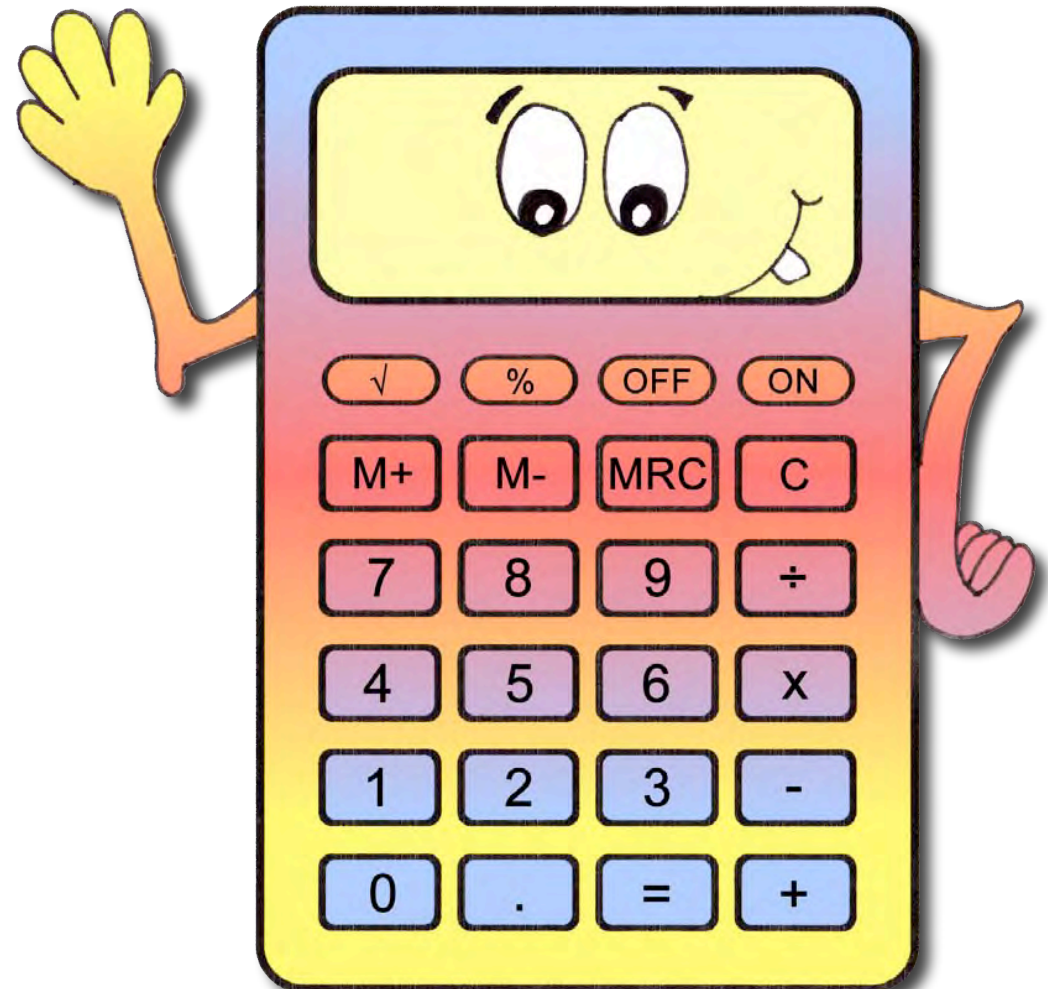
23. $12 \div 12 =$ _____

24. $85 \div 5 =$ _____

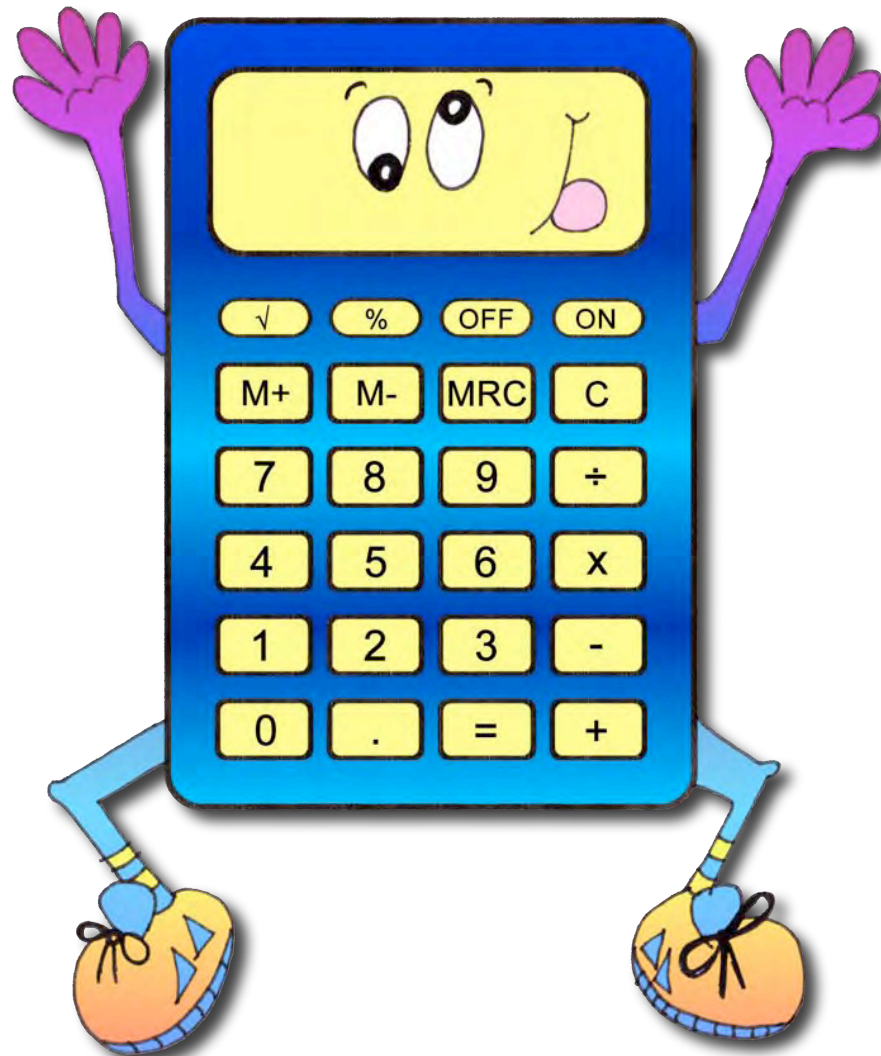
1. $72 + 88 = \underline{160}$
2. $49 + 98 = \underline{147}$
3. $47 + 66 = \underline{113}$
4. $44 + 51 = \underline{95}$
5. $71 + 66 = \underline{137}$
6. $26 + 79 = \underline{105}$
7. $71 - 33 = \underline{38}$
8. $59 - 22 = \underline{37}$
9. $56 - 36 = \underline{20}$
10. $82 - 41 = \underline{41}$
11. $61 - 31 = \underline{30}$
12. $97 - 47 = \underline{50}$
13. $16 \times 8 = \underline{128}$
14. $46 \times 4 = \underline{184}$
15. $47 \times 8 = \underline{376}$
16. $24 \times 4 = \underline{96}$
17. $15 \times 5 = \underline{75}$
18. $27 \times 3 = \underline{81}$
19. $20 \div 10 = \underline{2}$
20. $72 \div 8 = \underline{9}$
21. $42 \div 7 = \underline{6}$
22. $49 \div 7 = \underline{7}$
23. $12 \div 12 = \underline{1}$
24. $85 \div 5 = \underline{17}$

CALCULATOR TIPS

**Clear the
screen
before you
start any new
calculations!**



CALCULATOR TIPS



Look at the screen to make sure that you're pressing the right buttons.

1

2

3

4

5

6

7

8

9

0

ON

OFF

+ / -

CE

AC

M+

M-

MR

**Number
Zero**

**Turns the
calculator on**

**Turns the
calculator off**

**Makes numbers
positive or
negative**

**Clears the
last entry**

**Clears all
entries**

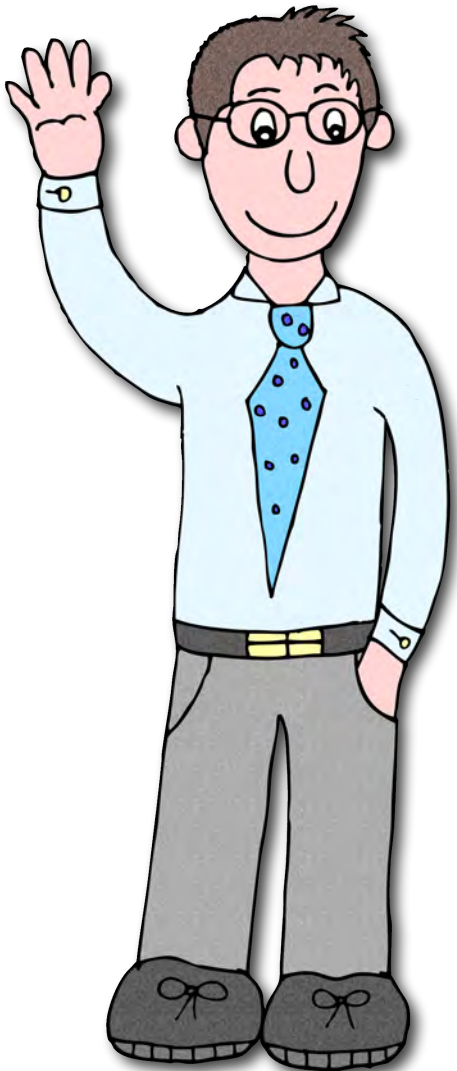
**Adds a
number to the
memory**

**Subtracts a
number from the
memory**

**Recalls the
number stored
in the memory**

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Mark and Helen

