

## Task 1 - Times Table Quiz

Here is an example of a times table quiz I have made using Microsoft word.

Have a go at completing the quizzing by writing the answers on a piece of paper. If you're feeling brave, time yourself and see how fast you can complete the quiz!

### Instruction on How to Create Your Own

Just chose a number between 2 and 12 and create multiplication and division number sentences to answer yourself. Notice how each sentence has the number you are multiplying in the same place. Round 4 is the trickiest. There are missing number sentences which you have to answer! Have a go at creating your own!

### 4 TIMES TABLE QUIZ!

| <u>Round 1</u>  | <u>Round 2</u>  | <u>Round 3</u> | <u>Round 4</u>      |
|-----------------|-----------------|----------------|---------------------|
| $0 \times 4 =$  | $5 \times 4 =$  | $12 \div 4 =$  | $2 \times \_ = 8$   |
| $1 \times 4 =$  | $1 \times 4 =$  | $40 \div 4 =$  | $\_ \times 4 = 40$  |
| $2 \times 4 =$  | $10 \times 4 =$ | $24 \div 4 =$  | $\_ \times 4 = 16$  |
| $3 \times 4 =$  | $0 \times 4 =$  | $20 \div 4 =$  | $4 \times \_ = 24$  |
| $4 \times 4 =$  | $9 \times 4 =$  | $32 \div 4 =$  | $11 \times \_ = 44$ |
| $5 \times 4 =$  | $6 \times 4 =$  | $44 \div 4 =$  | $12 \times 4 = \_$  |
| $6 \times 4 =$  | $12 \times 4 =$ | $48 \div 4 =$  | $\_ \div 4 = 8$     |
| $7 \times 4 =$  | $8 \times 4 =$  | $16 \div 4 =$  | $\_ \div 4 = 4$     |
| $8 \times 4 =$  | $2 \times 4 =$  | $8 \div 4 =$   | $16 \div \_ = 4$    |
| $9 \times 4 =$  | $4 \times 4 =$  | $0 \div 4 =$   | $44 \div \_ = 4$    |
| $10 \times 4 =$ | $7 \times 4 =$  | $4 \div 4 =$   | $48 \div 4 = \_$    |
| $11 \times 4 =$ | $11 \times 4 =$ | $28 \div 4 =$  | $\_ \times 4 = 4$   |
| $12 \times 4 =$ | $3 \times 4 =$  | $4 \div 1 =$   |                     |

## Task 2

Read and follow the instructions below on the sheet!

*Remember:*

*Commutative law =  $5 \times 4$  is the same as  $4 \times 5$ !*

*It doesn't matter which way you multiply the numbers because the answer is still the same.*

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Pupils creating a poster like this is a very empowering activity:

|                    |  |  |   |   |     |
|--------------------|--|--|---|---|-----|
| $1 \times 1 = 1$   | <del><math>2 \times 1 = 2</math></del> | <del><math>3 \times 1 = 3</math></del> | <del><math>4 \times 1 = 4</math></del>  | <del><math>5 \times 1 = 5</math></del>  | ... |
| $1 \times 2 = 2$   | $2 \times 2 = 4$                       | <del><math>3 \times 2 = 6</math></del> | <del><math>4 \times 2 = 8</math></del>  | <del><math>5 \times 2 = 10</math></del> | ... |
| $1 \times 3 = 3$   | $2 \times 3 = 6$                       | $3 \times 3 = 9$                       | <del><math>4 \times 3 = 12</math></del> | <del><math>5 \times 3 = 15</math></del> | ... |
| $1 \times 4 = 4$   | $2 \times 4 = 8$                       | $3 \times 4 = 12$                      | $4 \times 4 = 16$                       | <del><math>5 \times 4 = 20</math></del> | ... |
| $1 \times 5 = 5$   | $2 \times 5 = 10$                      | $3 \times 5 = 15$                      | $4 \times 5 = 20$                       | $5 \times 5 = 25$                       | ... |
| $1 \times 6 = 6$   | $2 \times 6 = 12$                      | $3 \times 6 = 18$                      | $4 \times 6 = 24$                       | $5 \times 6 = 30$                       | ... |
| $1 \times 7 = 7$   | $2 \times 7 = 14$                      | $3 \times 7 = 21$                      | $4 \times 7 = 28$                       | $5 \times 7 = 35$                       | ... |
| $1 \times 8 = 8$   | $2 \times 8 = 16$                      | $3 \times 8 = 24$                      | $4 \times 8 = 32$                       | $5 \times 8 = 40$                       | ... |
| $1 \times 9 = 9$   | $2 \times 9 = 18$                      | $3 \times 9 = 27$                      | $4 \times 9 = 36$                       | $5 \times 9 = 45$                       | ... |
| $1 \times 10 = 10$ | $2 \times 10 = 20$                     | $3 \times 10 = 30$                     | $4 \times 10 = 40$                      | $5 \times 10 = 50$                      | ... |

- Write out all the 1x to 10x (or 12x) tables.
- Cross out the related commutative fact, for example  $2 \times 1$ ,  $3 \times 1$ ,  $3 \times 2$ , etc.
- 100 facts are suddenly reduced to 55 facts.
- Take it one step further and cross out any facts related to 2x, 5x and 10x (end of KS1 age-related expectation) and 1x facts.
- Only 21 facts are left!