



Multiplication by 10 and 5

Copy this sentence and fill in the missing words:

To multiply by 10 we add a 0 in the _____ column and all the other digits move one column to the _____.

Now copy and answer these as quickly as you can :

- | | | |
|-------------------------|----------------------|----------------------|
| 1) $3 \times 10 =$ | 2) $8 \times 10 =$ | 3) $12 \times 10 =$ |
| 4) $18 \times 10 =$ | 5) $46 \times 10 =$ | 6) $85 \times 10 =$ |
| 7) $126 \times 10 =$ | 8) $684 \times 10 =$ | 9) $426 \times 10 =$ |
| 10) $1,567 \times 10 =$ | | |

Copy this sentence:

To multiply by 5 we just multiply by 10 and then halve the answer.

E.g. $27 \times 5 =$ half of $270 = 135$

Use the answers from the questions above to help you do these:

- | | | |
|----------------------|----------------------|----------------------|
| 11) $3 \times 5 =$ | 12) $8 \times 5 =$ | 13) $12 \times 5 =$ |
| 14) $18 \times 5 =$ | 15) $46 \times 5 =$ | 16) $85 \times 5 =$ |
| 17) $126 \times 5 =$ | 18) $684 \times 5 =$ | 19) $426 \times 5 =$ |

Now complete the following by multiplying by 10 and halving the answer in your head.

- | | | |
|---------------------|---------------------|---------------------|
| 20) $25 \times 5 =$ | 21) $32 \times 5 =$ | 22) $46 \times 5 =$ |
| 23) $61 \times 5 =$ | 24) $94 \times 5 =$ | 25) $88 \times 5 =$ |
| 26) $17 \times 5 =$ | 27) $53 \times 5 =$ | 28) $76 \times 5 =$ |

How about these

- | | | |
|-----------------------|------------------------|------------------------|
| 29) $256 \times 5 =$ | 30) $524 \times 5 =$ | 31) $555 \times 5 =$ |
| 32) $674 \times 5 =$ | 33) $345 \times 5 =$ | 34) $798 \times 5 =$ |
| 35) $1999 \times 5 =$ | 36) $14199 \times 5 =$ | 37) $54321 \times 5 =$ |