

Arithmetic - Factors - Answers

One to four digits, multiple operators, etc - Ex10

The examples below are intended to be used as exercises in mental arithmetic and the student should *not* make use of a calculator or other aid. Remember that whole number division always produces a whole number result!

1. $7 \times 13 \times 42 / 78 \times 49 =$ **2401**

11. $418 \times 127 /$
 $(1397 \times 38) =$ **1**

2. $569 \times -321 / (107 \times -1) =$ **1707**

12. $1254 \times 114 /$
 $(418 \times 38) =$ **9**

3. $219 \times 42 \times 11 /$
 $(77 \times 146) =$ **9**

13. $715 \times 217 /$
 $(341 \times 3 \times 13) =$ **11**

4. $617 \times 23 \times 8 / (92 \times 2) =$ **617**

14. $219 \times 42 /$
 $(23 \times 98 \times 2) =$ **2**

5. $173 \times 496 / (62 \times 4) =$ **346**

15. $76 \times 94 \times 21 /$
 $(133 \times 47) =$ **24**

6. $46 \times 49 \times 32 /$
 $(92 \times 56) =$ **14**

16. $6192 / (43 \times 24 \times 6) =$ **1**

7. $2197 \times 56 \times 74 /$
 $(273 \times 16) =$ **2084**

17. $512 \times 289 /$
 $(28 \times 56 \times 2) =$ **47**

8. $507 \times 78 \times 16 /$
 $(169 \times 96) =$ **39**

18. $3030 \times 2020 /$
 $(6 \times 10201) =$ **100**

9. $42 \times 64 \times 99 /$
 $(77 \times 72) =$ **48**

19. $7711 \times 5213 /$
 $(41 \times 143) =$ **6856**

10. $324 \times 132 /$
 $(144 \times 99) =$ **3**

20. $9146 / (269 \times 2) \times 17 =$ **289**