

Arithmetic - Simple Expressions

Up to four digits, all operators - 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. This exercise incorporates arbitrary arithmetic operations other than powers/exponents. Remember that these exercises are solely about whole number arithmetic - there are no fractions!

- $23 \times 7 + 19 - 36 \times 9 +$
 $13 \times 7 =$
- $407 \bmod 31 - 27 \times$
 $42 / 21 =$
- $-407 \bmod 42 +$
 $(-407 \bmod 42) =$
- $(73 + 92 - 16 \times 4) \times$
 $(327 \bmod 91) =$
- $(174 - 64 \times 3) \bmod 19 \times$
 $(119 + 203) =$
- $(43 \times 7 - 319) \bmod 19 \times$
 $(317 - 142) =$
- $(3916 - 2423 + 8111) \bmod$
 $763 \times 11 =$
- $(42 \times 39 / 7 \times 93 + 11) \bmod$
 $1563 + 41 =$
- $219 + 39 \times 7 + 93 \times 11 -$
 $5104 \times 13 =$
- $391 \bmod 13 + (-391 \bmod 13) -$
 $391 \bmod 13 =$
- $2397 / 17 \times 7 +$
 $3194 - 1207 =$
- $8197 / 7 \times 17 -$
 $2439 - 12136 =$
- $14731 \bmod 3194 \times 19 +$
 $2037 =$
- $(3597 - 2103) \times$
 $11 - 469 =$
- $(6319 + 1042 -$
 $37 \times 62) \times 7 =$
- $(9043 \bmod 2073 +$
 $91 \times 33) + 11 =$
- $(1193 + 21 \times 76) \bmod$
 $491 + 3612 =$
- $(3042 - 931 \times 19) \bmod$
 $176 + 3131 =$
- $316 \times 911 - (213 +$
 $41 \times 17) =$
- $-3126 \bmod 1066 -$
 $3126 \bmod 1066 =$