



Elementary, Number Conversion, Operations

Name _____ Date _____

Perform the required operations on the given numbers

(1) Add the Binaries: $101001001101 + 1001111100110$

(2) Subtract the Binaries: $100000101011101111 - 1000101101011111$

(3) Subtract the Octals: $236752 - 107033$

(4) Add the Hexadecimals: $16454 + 178EE$

(5) Subtract the Hexadecimals: $D90C - 4BF2$

(6) Add the Hexadecimals: $A68D + 11A84 + 4AEE + F38D$

(7) Add the Octals: $46727 + 152336 + 143667$

(8) Add the Octals: $44660 + 241744 + 4655$



Answers

Perform the required operations on the given numbers

(1) Add the Binaries: $101001001101 + 1001111100110$
= 1111000110011

(2) Subtract the Binaries: $10000010101110111 - 1000101101011111$
= 111101000011000

(3) Subtract the Octals: $236752 - 107033$
= 127717

(4) Add the Hexadecimals: $16454 + 178EE$
= 2DD42

(5) Subtract the Hexadecimals: $D90C - 4BF2$
= 8D1A

(6) Add the Hexadecimals: $A68D + 11A84 + 4AEE + F38D$
= 2FF8C

(7) Add the Octals: $46727 + 152336 + 143667$
= 365154

(8) Add the Octals: $44660 + 241744 + 4655$
= 313501