

Table 7.3 Selected PicBasic Pro math operators and functions

| <b>Math operator<br/>or function</b> | <b>Description</b>                         |
|--------------------------------------|--|
| A + B                                | Add A and B                                |
| A - B                                | Subtract B from A                          |
| A * B                                | Multiply A and B                           |
| A / B                                | Divide A by B                              |
| A << n                               | Shift A n bits to the left                 |
| A >> n                               | Shift A n bits to the right                |
| COS A                                | Return the cosine of A                     |
| A MAX B                              | Return the maximum of A and B              |
| A MIN B                              | Return the minimum of A and B              |
| SIN A                                | Return the sine of A                       |
| SQR A                                | Return the square root of A                |
| A & B                                | Return the bitwise AND of A and B          |
| A   B                                | Return the bitwise OR of A and B           |
| A ^ B                                | Return the bitwise Exclusive OR of A and B |
| ~A                                   | Return the bitwise NOT of A                |