

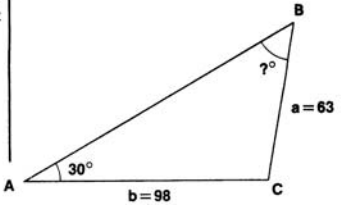
	$3 + 1.125 - 2 = ?$	$3 \oplus 1 \odot 125 \ominus 2 =$	<b>0</b> <b>2.125</b>
$\odot$ $\otimes$	$2.1 + 3 - 8 = ?$	$2 \odot 1 \oplus 3 \ominus 6 \odot 8 =$	<b>-2.9</b>
$\otimes$	$12 \times 98.123 = ?$	$12 \otimes 98 \odot 123 =$	<b>1177476</b>
$\div$	$12.22 : 1.1 = ?$	$12 \odot 22 \div 1 \odot 1 =$	<b>11.0909</b>
$\otimes \div \oplus \ominus$	$2.5 \times 7 : 3 + 4 - 0.5 = ?$	$2 \odot 5 \otimes 7 \div 3 \oplus 4 \ominus 0 \odot 5 =$	<b>93333333</b>
Constant $\otimes$	$879 \times 46 = ?$ $879 \times 132 = ?$	$879 \otimes 46 =$ $132 =$	<b>40434</b> <b>116028</b>
$\div$ Constant	$4.2 : 3.5 = ?$ $21.98 : 3.5 = ?$	$4 \odot 2 \div 3 \odot 5 =$ $21 \odot 98 =$	<b>12</b> <b>6.28</b>
Constant	$5 + 5 + 5 - 2 = ?$	$5 \oplus \oplus \oplus \ominus 2 =$	<b>11</b>
$2^?$	$2^? = ?$	$2 \otimes \ominus \ominus \ominus =$	<b>32</b>

- F = Double function
- CM = Clear Memory
  - RM = Recall Memory
  - MEX = Memory exchange
  - SIN, COS, TAN = Sine, Cosine, Tangent
  - Y<sup>x</sup> = Y to the X power calculation
  - SIN<sup>-1</sup>, COS<sup>-1</sup>, TAN<sup>-1</sup> = Arcsine, Arccosine, Arc tangent
  - M- = Subtract displayed number from the memory
  - $\sqrt{\quad}$  = Square root
  - ln = Natural logarithm
  - e<sup>x</sup> = Exponential function
  - M+ = Add displayed number to the memory
  - CH NOT = Change Notation
  - $\frac{1}{x}$  = Reciprocal
  - log = Common logarithm (no double function)
  - 10<sup>x</sup> = Antil logarithm (no double function)
  - EE<sup>x</sup> = Exponent value (no double function)

<b>MEMORY</b>	$10 \odot 5 \oplus 10.5 =$	<b>105</b>
$+(12.1234 \times 3.7) = ?$	$12 \odot 1234 \otimes 3 \cdot 7 =$	<b>4485658</b>
$-(3 \times 6.1) = ?$	$3 \otimes 6 \odot 1 =$	<b>1.83</b>
$+(145 : 13) = ?$	$145 \div 13 =$	<b>11.153846</b>
$= ?$	$145 \div 13 =$	<b>482.10426</b>
<b>MEX</b>	$2 \oplus 3 =$	<b>2</b>
2 Memory	$3 \oplus 3 =$	<b>3</b>
3	$3 \oplus 3 =$	<b>2</b>
Exchange	$3 \oplus 3 =$	<b>3</b>
<b>Memory</b>	$1/x$	
$1 : 3 = ?$	$3 \oplus 1/x =$	<b>03333333</b>
$\frac{\pi}{2}$	$\frac{\pi}{2} = ?$	<b>3.1415926</b>
$\sqrt{\quad}$	$\sqrt{165} = ?$	<b>12.845232</b>

SIN, SIN<sup>-1</sup> DEG.

- A = 30°
- a = 63
- b = 98
- B = ?°



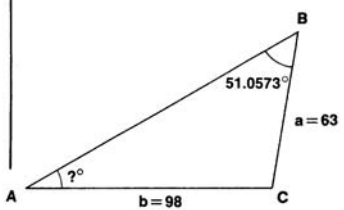
Formula:  $B = \text{ARCSIN} \left( \text{SIN } A \times \frac{b}{a} \right)$   
 $= \text{ARCSIN} \left( \text{SIN } 30^\circ \times \frac{98}{63} \right)$

DEG. = Degrees

$30 \text{ (F) } \text{SIN} \text{ (7)}$	<b>0.5</b>
$\otimes 98 \div 63 =$	<b>0.7777777</b>
$\text{SIN}^{-1} \text{ (4)}$	<b>51.0573</b>

B = 51.0573°

- B = 51.0573°
- a = 63
- b = 98
- A = ?°



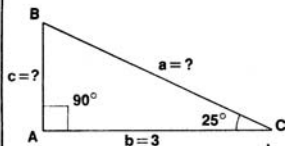
Formula:  $A = \text{ARCSIN} \left( \text{SIN } B \times \frac{a}{b} \right)$   
 $= \text{ARCSIN} \left( \text{SIN } 51.0573^\circ \times \frac{63}{98} \right)$

$51 \odot 0.573 \text{ (F) } \text{SIN} \text{ (7)}$	<b>0.777774</b>
$\otimes 63 \div 98 =$	<b>0.4999975</b>
$\text{SIN}^{-1} \text{ (4)}$	<b>29.9995</b>

A = 30°

**TAN**

A = 90°  
C = 25°  
b = 3  
c = ?



Formula:  $c = \text{TAN } C \times b = \text{TAN } 25^\circ \times 3$

DEG RAD

25 (F) 9 (x) 3 (=)

c = 1.398921

A = 90° c = 1.398921 b = 3 a = ?

Formula:  $a = \sqrt{c^2 + b^2} = \sqrt{1.398921^2 + 3^2}$

CM (F) (C)

1 (x) 398921 (=) (F) (+)

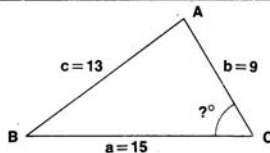
3 (x) (=) (F) (+)

RM (=) (F) 1 (=)

a = 3.3101329

**COS -1**

a = 15  
b = 9  
c = 13  
C = ?°



Formula:  $C = \text{ARCCOS} \left( \frac{a^2 + b^2 - c^2}{2 \times a \times b} \right) = \text{ARCCOS} \left( \frac{15^2 + 9^2 - 13^2}{2 \times 15 \times 9} \right)$

DEG RAD

15 (x) (=) (F) (+)

9 (x) (=) (F) (+)

13 (x) (=) (F) (-) (RM) (=)

+ 2 (+) 15 (+) 9 (=)

(F) 5 (COS-1)

60 (x) (+) 5082 (=)

492 (=)

C = 59.5082°  
= 59° 30' 30"  
60 × .5082 = 30"  
60 × .492 = 30"  
= 59° 30' 30"

59° 30' 30" = 59°, ° dec.

+ 59  
+ (30 : 60) = ?  
+ (30:60:60) = ?  
= 59.508333

CM (F) (C)

59 (F) (+)

30 (+) 60 (=) (F) (+)

30 (=) (=) (F) (+)

RM (=) (F) (=)

59  
.05  
00083333  
59508333

**RAD.**

RAD. = Radians

Formula:  $\text{SIN } x = ?$   
= SIN 1.5  
= 0.997497

DEG RAD

1 (x) 5 (F) 7 (SIN)

0.997497

**CH NOT**

987654² = ?  
9.7546 11 (= 9.7546 × 10¹¹)  
√ 1 + 11 = 12 integers

987654 (x) (=)

CH NOT (F) (EE)

97546 11

97546042 = 8 most significant integers

CH NOT (F) (EE)

97546042

**EE x**

1.23 × 10<sup>-11</sup> ×  
× 5.4 × 10<sup>4</sup> = ?  
= 6.642 × 10<sup>-3</sup>

1 (x) 23 (EE) (-) 11 (x)

5 (x) 4 (EE) 8 (=)

CH NOT (F) (EE)

123 - 11  
0006642  
6642 - 03

In (natural logarithm)

e<sup>x</sup> (exponential function)  
In 4 = ?  
In 4 = 1.38629

4 (F) 2 (In)

1.38629

Anti In 1.38629 =  
= e<sup>1.38629</sup> = ?

1 (x) 38629 (F) 3 (e<sup>x</sup>)

399998

Anti In 1.38629 =  
3.99998

log 3 = ?

3 (log)

0.477121

log 3 = 0.477121

10<sup>0.477121</sup> = ?

0 (x) 477121 (10<sup>x</sup>)

299999

10<sup>0.477121</sup> =  
= 2.99999

3<sup>3</sup> = ?

3 (F) (+) 3 (=)

27

3<sup>3</sup> = 27

8<sup>1.2567</sup> = ?

8 (F) (+) 1 (x) 2567 (=)

13643

8<sup>1.2567</sup> =

= 13,643

**Overflow**

99999999<sup>3</sup> =  
= e<sup>(13 × ln99999999)</sup>

99999999 (F) 2 (In) (x)

Overflow (more than 100 integers)

13 (=) (F) 3 (e<sup>x</sup>)

EO

