Metroplex Voice Computing, Inc. MATHTALK MATH ESSENTIALS

(Do not say the commas (,).)

1. Say: **4 plus 3, parens, 5 minus 2, move out, equals,**
4 plus 3, parens 3, equals,
4 plus 9, equals thirteen
To Get:

$$4 + 3(5 - 2) = 4 + 3(3) = 4 + 9 = 13$$

2. Say: **16 minus 32, divided by, 4, equals,**
16 minus 8, equals 8
To Get:

$$16 - 32 \div 4 = 16 - 8 = 8$$

3. Say: **14 minus 16, divided by, 18, plus, 3 squared, times dot, 5,**
equals, 14 minus 16, divided by, 8 plus 9, times dot, 5,
equals, 14 minus 2, plus 45, equals, 12 plus 45, equals 57
To Get:

$$14 - 16 \div 18 + 3^2 \cdot 5 = 14 - 16 \div 8 + 9 \cdot 5 = 14 - 2 + 45 = 12 + 45 = 57$$

4. Say: **fraction, 5, times dot, 6 plus 2, over,**
12 minus 4, move out, equals,
fraction, 30 plus 2, over, 12 minus 4, move out, equals,
32 over 8, equals 4
To Get:

$$\frac{5 \cdot 6 + 2}{12 - 4} = \frac{30 + 2}{12 - 4} = \frac{32}{8} = 4$$

5. Say : **absolute value, minus 5, move out, equals 5**
To Get:

$$|-5| = 5$$

6. Say : **5, absolute value, minus 6, move out,**
plus, absolute value, minus 3, move out, equals,
30 plus 3, equals 33
To Get:

$$5|-6| + |-3| = 30 + 3 = 33$$

7. Solve $x = -3,\ y = 6,\ z = -4$

$$x + y + (-1) = -3 + 6 + (-1) = -3 + 6 - 1 = -4 + 6 = 2$$

Say: **x-ray plus yankee, plus, parens minus 1, equals,**
minus 3, plus 6, plus, parens minus 1, equals,
minus 3, plus 6, minus 1, equals,
minus 4, plus 6, equals 2
To Get:
$x + y + (-1) = -3 + 6 + (-1) = -3 + 6 - 1 = -4 + 6 = 2$

8. Solve $x = -3,\ y = 6,\ z = -4$
$|x + (-y) + z|$
Say: **absolute value, x-ray, plus, parens, minus yankee, move out, plus zulu, move out,**
next line, absolute value, minus 3, plus, parens minus 6,
plus, parens minus 4, out all, equals,
absolute value, minus 13, move out, equals 13
To Get:
$|x + (-y) + z|$
$|-3 + (-6) + (-4)| = |-13| = 13$

9. Say: **12, plus, parens, plus 9, move out, minus, left bracket, 5, plus, parens, plus 4, move out, right bracket,**
equals, 12 plus 9, plus, left bracket, minus 9, right bracket, equals 12
To Get:
$12 + (+9) - [5 + (+4)] = 12 + 9 + [-9] = 12$

10. Solve $5x + 3 = 23$
Say: **5 x-ray plus 3, equals 23, next line,**
5 x-ray, equals 20, next line,
x-ray, equals 4
To Get:
$5x + 3 = 23$
$5x = 20$
$x = 4$

11. Solve $0.4m - 3 = -1$
Say: **math mode, zero point 4, mike minus 3, equals minus 1, next line,**
zero point 4, mike, equals 2, next line,
mike, equals 5
To Get:
$0.4m - 3 = -1$
$0.4m = 2$

$m = 5$

12. Solve $\frac{x}{-4} + 5 = 1$

Say: **fraction, x-ray, over, minus 4, move out, plus 5, equals 1, next line, fraction, x-ray, over, minus 4, move out, equals, minus 4, next line, x-ray, equals 16**

To Get:

$\frac{x}{-4} + 5 = 1$

$\frac{x}{-4} = -4$

$x = 16$

COMMAND EXAMPLES:

math mode **move out** **out all**
save user files **close file** **new file** **print this**

TO GET	SAY	TO GET	SAY
+	**plus**	[	**left bracket**
−	**minus**	]	**right bracket**
÷	**divided by**	$5x$	**5 x-ray**
+3	**plus 3**	y	**yankee**
−16	**minus 16**	x	**x-ray**
•	**times dot**		
=	**equals**		
( )	**parens**		
—	**fraction**		
$\frac{4}{5}$	**4 over 5**		
3^2	**3 squared**		
| |	**absolute value**		