

12
$$A \lor B = B$$

52. $-1 - \sqrt{1-91} - 1 - 91/2 = -1 - 3 - 9/2 = -1 - 12/2 = -12$

63. $3x^3 + 5x - 2 = ?$
 $x = -3$

3. $(-3)^3 + 5.(-3) - 2 = 3.(-27) - 15 - 2 = -98$

67. $|x - 9y| - (-62 - 8) = ?$
 $x = -3$
 $x = -$

78.
$$(a+b)(x)=0=2$$
 $a+b=0$ or $x=0$

A B

A B

A B

A B

Or B = 0

Zero - factor property

1.2

(ua2b-5)-1)-3 = (ua2b-5)^3 = u3.a6 b-15 =

= 6ua6b-15

2a

(2:103)(7:10-2) = 2.7:104 = 14

5:103 = 5000

141. $3\sqrt{-37} = -3$

5

50.
$$\frac{3}{0^{2}6^{2}} = \frac{0.8^{4}}{3 \cdot c^{2}}$$

56. $\frac{10}{47 + 42} = \frac{10(177 + 42)}{(177 - 62)(177 + 42)} = \frac{10(177 + 42)}{7 - 2}$

= $2(177 + 42) = 2477 + 242$

66. $- x^{2} \sqrt[3]{54}x + 3\sqrt[3]{2}x^{2} = -x^{2} \sqrt[3]{96 \cdot x} + 3\sqrt[3]{2} \cdot x^{6}x = -3\sqrt[3]{2} \cdot x^{7} + 3\sqrt[3]{2} \cdot x^{7} = 0$

69. $\sqrt[3]{47x^{26}} = \sqrt[3]{x^{2}} + \sqrt[3]{x^{2}} = \sqrt[3]{x^{2}} + \sqrt[3]{x^{2}} = x^{3}$

76. $(0-6)^{-\frac{3}{2}} = (0-6)^{-\frac{3}{2}} + 2 = (0-6)^{-\frac{3}{2}} = (0-6)^{\frac{3}{2}}$