Solving Linear Equations (A)





Solve the equations to find x.

Section A

4)
$$x + 7 = 13$$

5)
$$x + 4 = 14$$

7)
$$x + 3 = 9$$

8)
$$\times + 12 = 17$$

10)
$$x + 5 = 36$$

11)
$$x + 8 = 43$$

Section B

2)
$$2 + x = 7$$

3)
$$8 + x = 11$$

4)
$$5 + x = 9$$

5)
$$7 + x = 12$$

8)
$$19 + x = 32$$

11)
$$11 + x = 64$$

12)
$$28 + x = 90$$

Section C

1)
$$x - 4 = 7$$

$$x - 6 = 4$$

3)
$$x - 1 = 6$$

4)
$$x - 7 = 13$$

5)
$$x - 10 = 2$$

6)
$$x - 7 = 18$$

7)
$$x - 11 = 8$$

8)
$$x - 5 = 16$$

9)
$$x - 9 = 25$$

10)
$$x - 12 = 31$$

11)
$$x - 16 = 29$$

12)
$$x - 28 = 78$$

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Norman Balason

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Algebra 2 Geometry and Pre Calculus Education Norman earned a M Ed from Chaminade University of Honolulu and a B A in Mathematics from the University of Hawaii at Manoa Personal Norman is a Navy Veteran He enlisted in the United States Navy upon his high school graduation He worked as an F 14 Tomcat plane captain not a pilot for the VF 41 Black Aces while they were out at sea on the aircraft carrier U S S Nimitz He is proud to have served his country while traveling the world and developed life long friendships through unforgettable experiences Norman enjoys his free time reading biographies listening to music playing the guitar watching finance and investing videos and hanging out with family and friends **Solving Equations** AIMS Education Foundation, 2007

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web values of the bending moment obtained from the experiment are presented in the table all the data is presented in the graph of the theoretical bending moment is showing directly proportional indicating that when load is

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web following is the equation which can be used for the shear force calculation shear force w a l here w is a the applied load on beam a is the distance between the pivot point and point of force application 400 l is the total length of the beam 440 for w 0 shear force w a l 0 400 440 0 n

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