







Save and Submit

Click Submit to complete this assessment.

Question 20 of 20

1 points Saved

إذا كان حاصل ضرب جذري المعادلة $ax^2 + 5x - 2 = 0$ يساوي 6 فإن قيمة a تساوي :

a. $-\frac{1}{3}$

b. $-\frac{5}{6}$

c. $-\frac{2}{5}$

d. $-\frac{7}{3}$

Click Submit to complete this assessment.

Question 20 of 20

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 19 of 20

1 points Saved

إذا كان مجموع جذري المعادلة $x^2 + 11x - 15 = 0$ يساوي 12 فإن قيمة a تساوي :

a. 36

b. $-\frac{15}{12}$

c. $\frac{12}{11}$

d. $-\frac{11}{12}$

Moving to the next question prevents changes to this answer.

Question 19 of 20

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 18 of 20

1 points Saved

حاصل ضرب جذري المعادلة التربيعية $6x^2 + 13x - 5 = 0$ يساوي :

a. $-\frac{2}{15}$

b. $-\frac{5}{6}$

c. 13

d. $\frac{8}{25}$

Moving to the next question prevents changes to this answer.

Question 18 of 20

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 17 of 20

1 points Saved

مجموعة حل المعادلة $8(4x + 1)^2 = 32$ هي:

a. $\left\{-\frac{5}{4}, -\frac{3}{4}\right\}$

b. $\left\{\frac{1}{4}, -\frac{3}{4}\right\}$

c. $\left\{\frac{3}{5}, -6\right\}$

d. $\{\sqrt{7}, \sqrt{11}\}$

Moving to the next question prevents changes to this answer.

Question 17 of 20

This test does not allow backtracking. Changes to the answer after submission are prohibited.

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 16

1 points

مجموعة حل المعادلة $(x+2)^2 = 4(x-3)^2$ هي:

a. $\left\{8, \frac{4}{3}\right\}$

b. $\{-2, 3\}$

c. $\{2, 3\}$

d. $\{4, 8\}$

Moving to the next question prevents changes to this answer.

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 15

1 points

مجموعة حل المعادلة $\frac{2x+1}{x+2} = \frac{x+1}{x-1}$ هي:

a. $\{2 + \sqrt{7}, 2 - \sqrt{7}\}$

b. $\left\{\frac{5 + \sqrt{3}}{2}, \frac{5 - \sqrt{3}}{2}\right\}$

c. $\left\{\frac{6 + \sqrt{11}}{4}, \frac{6 - \sqrt{11}}{4}\right\}$

d. $\left\{-1, -\frac{1}{2}\right\}$

Multiple Attempts This test allows 2 attempts. This is attempt number 2.
Force Completion Once started, this test must be completed in one sitting. Do not leave the test before clicking Save and Submit.
This test does not allow backtracking. Changes to the answer after submission are prohibited.

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 14

1 points

مجموعة حل المعادلة $(x-8)^2 + 100 = 0$ هي:

a. $\{-2, 18\}$

b. $\{-10, 10\}$

c. \emptyset

d. $\{-8, 8\}$

Moving to the next question prevents changes to this answer.

Multiple Attempts This test allows 2 attempts. This is attempt number 2.
Force Completion Once started, this test must be completed in one sitting. Do not leave the test before clicking Save and Submit.
This test does not allow backtracking. Changes to the answer after submission are prohibited.

Question Completion Status:

Moving to the next question prevents changes to this answer.

Question 13

1 points

مجموعة حل المعادلة $\frac{x^2 - 8x}{(x-2)(x+5)} = 0$ هي:

a. $\{0, 8, 2, -5\}$

b. $\{-2, 5\}$

c. $\{2, -5\}$

d. $\{0, 8\}$