Some homework practice I would like your assistance to prepare for exam.

1. Y^2-6y+9=8 ( exact solutions to three decimal places)

Y=\_\_\_\_\_\_\_

1. Solve 7x+x(x-4) = 0 the solution is x = \_\_\_\_\_\_\_\_\_

Find the x intercepts of f(x) = 7x+x(x-4) the x intercepts are \_\_\_\_\_

1. F(x) = -1/2x^2

The vertex is \_\_\_\_\_\_\_

Equation of the line symmetry is \_\_\_\_\_\_\_\_

1. (x+5)^2 = 16 ( exact and approximate solutions to 3 decimal places.
2. Write a quadratic equation. Solutions are -5, 2

Standard form ax^2+bx+c=0

The equation is \_\_\_\_\_\_\_\_\_\_=0

1. F(x) = -x^2+3x+28

X coordinates of the intercepts are x = \_\_\_\_\_\_

The y intercept is (0, \_\_\_\_)

1. The width of a rectangle is 3ft less than the length. The area is 4ft^2.

The width is \_\_\_\_\_ft

The length is \_\_\_\_\_ft.

1. Enclose a rectangle garden using the side of a barn as one side of the rectangle. What is the maximum area that can be enclose with a 100 ft of fence? What should the dimensions of the garden be to give this area.

The maximum area that can be enclose with a 100ft of fence is \_\_\_\_\_sq ft.

The dimensions of the garden to give this area is 50ft by \_\_\_\_ ft.

1. Solve by completeing the square x^2+1/2x=1

X = \_\_\_\_\_\_\_\_

1. Solve for x, x^2-x+2=0
2. A math book is opened to two facing pages. The product of the page numbers is 2352.

The first page is \_\_\_\_\_\_\_

The second page is \_\_\_\_\_\_