Solve the following for $x$. Round to the nearest tenth if necessary.

1. $x^{2}+10 x+24=0$

2. Solve for $y: \quad 5 x+2 y=8$
3. Graph: $\quad y=\frac{2}{3} x-3$
4. Graph: $\quad 3 x+4 y=12$

5. Graph and label the following points on a coordinate grid.

$$
A(4,0) \quad B(-2,3) \quad C(0,-6) \quad D(5,-3) \quad E(4,2) \quad F(-4,-1)
$$



Find the area of each of the following shapesWrite formulas and show substitution!
2. $\quad 12 \mathrm{~cm}$
3.


7.5 mm
5.


Week 1 Friday Warm-up

1. I have $\mathbf{4 8}$ feet of fence for a rectangular garden.

What are the dimensions of the rectangle if $I$ want the maximum area?
2. The radius of a circle is $\mathbf{4}$ inches. Find the circumference
3. Find the side of a square with an area of $49 \mathrm{ft}^{2}$.
4. Graph the lines $\boldsymbol{y}=\boldsymbol{x}+1$

$$
\begin{aligned}
& y=3 \\
& x=-2
\end{aligned}
$$

and find the area enclosed.


