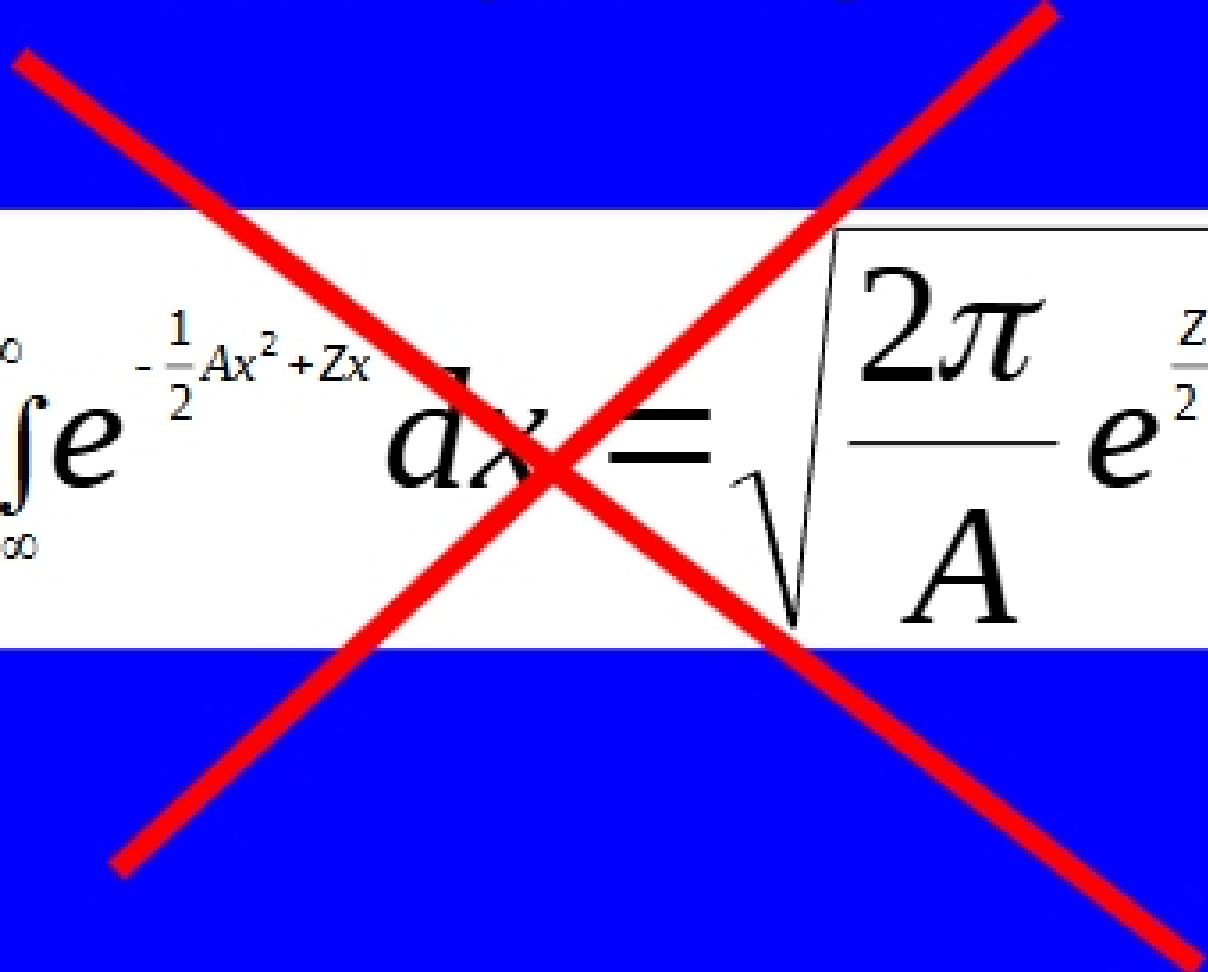


# Announcements

- Big mistake on hint in problem 1 (I'm very sorry).

$$\int_{-\infty}^{\infty} e^{-\frac{1}{2}Ax^2 + Zx} dx = \sqrt{\frac{2\pi}{A}} e^{\frac{Z^2}{2A}}$$


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# Announcements

- On 2e, use

```
I = [zeros(1,50), 9*ones(1,10),  
     zeros(1,10), 3*ones(1,40), zeros(1,50)].
```

Result will be more interesting. (If you used I in 2c already, that's ok).

# Announcements

- Best not to use built in code **conv** or **fspecial**. These don't give you easy control needed for assignment.