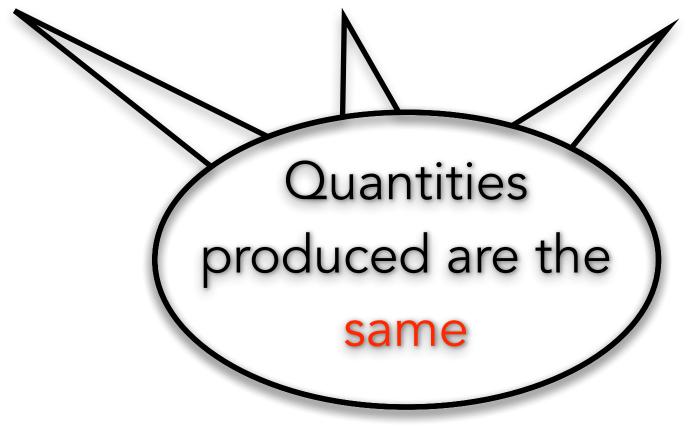
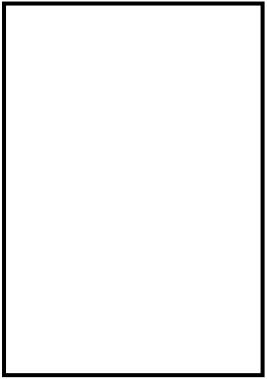
| Year | Price | Quantity | Price | Quantity | Price | Quantity | Nominal GDP | |
|------|-------|----------|-------|----------|-------|----------|--------------------------------|--|
| | X | X | Y | Y | Z | Z | | |
| 1 | 1 | 100 | 0.5 | 50 | 0.6 | 10 | (1x100)+(0.5x50)+(0.6x10)= 131 | |
| 2 | 2 | 100 | 1 | 50 | 1.2 | 10 | (2x100)+(1x50)+(1.2x10)= 262 | |
| 3 | 4 | 100 | 2 | 50 | 2.4 | 10 | (4x100)+(2x50)+(2.4x10)=524 | |
| 4 | 8 | 100 | 4 | 50 | 4.8 | 10 | (8x100)+(4x50)+(4.8x10)=1,048 | |

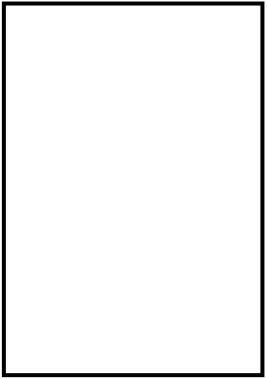


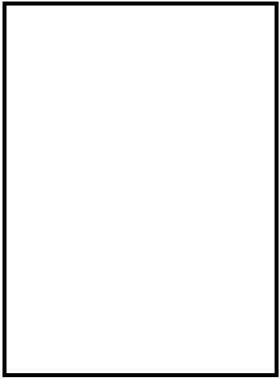
Prices distort our view of the true value of Production

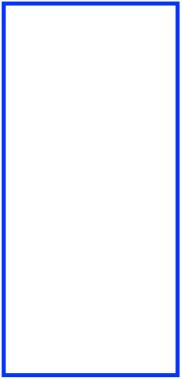


But Nominal GDP tells us that production increased!











We must use prices

Prices distort our view of the true value of Production

| Year | Price | Quantity | Price | Quantity | Price | Quantity | Nominal GDP | |
|------|-------|----------|-------|----------|-------|----------|----------------------------|-------|
| | X | X | Y | Y | Z | Z | Nominal GDF | |
| 1 | 1 | 100 | 0.5 | 50 | 0.6 | 10 | (1x100)+(0.5x50)+(0.6x10)= | 131 |
| 2 | 2 | 100 | 1 | 50 | 1.2 | 10 | (2x100)+(1x50)+(1.2x10)= | 262 |
| 3 | 4 | 100 | 2 | 50 | 2.4 | 10 | (4x100)+(2x50)+(2.4x10)= | 524 |
| 4 | 8 | 100 | 4 | 50 | 4.8 | 10 | (8x100)+(4x50)+(4.8x10)= | 1,048 |

Quantities produced are the same

But
Nominal GDP tells us
that production
increased!

We must use prices