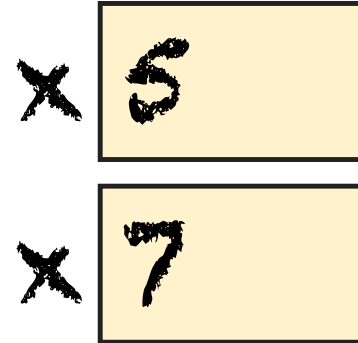


Which one is closest to your answer?

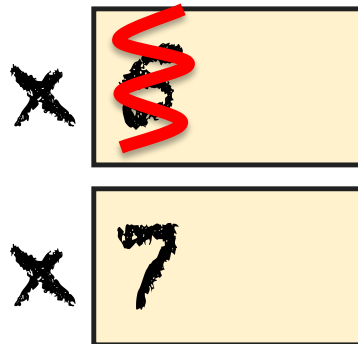
A.



B.



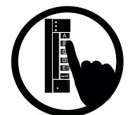
C.



D.




$$x = x + 2$$



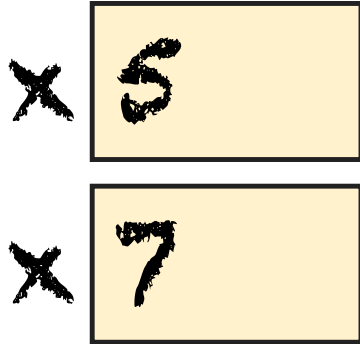
And The Correct Answer Is...

A.



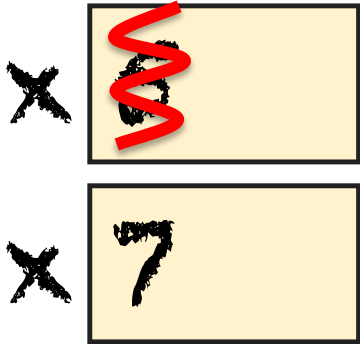
A box containing a multiplication problem. To the left of a yellow box is a black 'x'. Inside the box, the number '57' is written in black. A red wavy line is drawn over the '5'. To the right of the box is a large green checkmark.

B.




Two stacked yellow boxes. The top box contains a black 'x' followed by a black '5'. The bottom box contains a black 'x' followed by a black '7'.

C.



Two stacked yellow boxes. The top box contains a black 'x' followed by a black '5' with a red wavy line over it. The bottom box contains a black 'x' followed by a black '7'.

D.



A red scribble consisting of several horizontal and diagonal lines, with a circled 'ツ' character in the center.

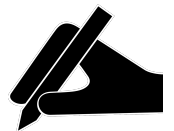
$$x = x + 2$$

Execute the Statement: $x = 3.0 * x + 1.0$

Begin with this:

x 7

1. **Evaluate** the expression $3.0 * x + 1.0$
2. **Store** its value in x



Which one is closest to your answer?

A.

x

B.

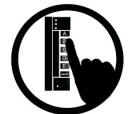
x
x

C.

x
x

D.


$$x = 3.0 * x + 1.0$$



And The Correct Answer Is...

A.

x



B.

x


x

C.

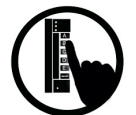
x

x

D.



$$x = 3.0 * x + 1.0$$



Exercise 1: Understanding Assignment

Have variable **x** already from previous

Create a new variable:

```
>>> rate = 4
```

x

22.0

rate

4

Execute this assignment:

```
>>> rate = x / rate
```



Which one is closest to your answer?

A.

$$x \times \begin{array}{|c|} \hline 22.0 \\ \hline \end{array} 5.5$$

rate $\$$ $\begin{array}{|c|} \hline 5.5 \\ \hline \end{array}$

B.

$$x \times \begin{array}{|c|} \hline 22.0 \\ \hline \end{array}$$

rate $\$$

rate $\begin{array}{|c|} \hline 5.5 \\ \hline \end{array}$

C.

$$x \times \begin{array}{|c|} \hline 22.0 \\ \hline \end{array}$$

rate $\$$ $\begin{array}{|c|} \hline 5.5 \\ \hline \end{array}$

D.

$$x \times \begin{array}{|c|} \hline 22.0 \\ \hline \end{array}$$

rate $\$$ $\begin{array}{|c|} \hline 5 \\ \hline \end{array}$

E. $_ _ (_ _) _ /$

rate = $x /$ rate 

And The Correct Answer Is...

A.

$$\begin{array}{r} x \quad 22.0 \quad 5.5 \\ \text{rate} \quad \$ \quad 5.5 \end{array}$$

B.

$$\begin{array}{r} x \quad 22.0 \\ \text{rate} \quad \$ \\ \text{rate} \quad 5.5 \end{array}$$

C. ✓

$$\begin{array}{r} x \quad 22.0 \\ \text{rate} \quad \$ \quad 5.5 \end{array}$$

D.

$$\begin{array}{r} x \quad 22.0 \\ \text{rate} \quad \$ \quad 5 \end{array}$$

$$\text{rate} = x / \text{rate}$$

Exercise 2: Understanding Assignment

Begin with:

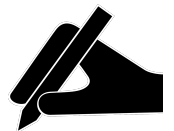
x 22.0

rate 5.5

Execute this assignment:

```
>>> rat = x + rate
```

Did you do the same thing as your neighbor? If not, *discuss*.



Exercise 2: Understanding Assignment

Begin with:

x 22.0

rate 5.5

Execute this assignment:

```
>>> rat = x + rate
```

Did you do the same thing as your neighbor? If not, *discuss*.



Which one is closest to your answer?

A. x ~~22.0~~ 27.5
rate 5.5

B. x 22.0
rate 5.5
rat 27.5

C. x 22.0
rate ~~5.5~~ 27.5

D. x 22.0
rate ~~5.5~~
rat 27.5

E. $_ _ (\text{ツ}) _ /$

rat = $x + \text{rate}$


And The Correct Answer Is...

A.

x	22.0 27.5
rate	5.5

B.

x	22.0
rate	5.5
rat	27.5



C.

x	22.0
rate	5.5 27.5

D.

x	22.0
rate	5.5
rat	27.5

Spelling Matters!

rat = x + rate 