1. Which of the following commands would add **newbin**, a directory in your home directory, to the **PATH** (Select all answers that apply)?

1 / 1 point

- ☑ **PATH=$HOME/newbin:$PATH**

  > ✓ **Correct**
  > This puts the **newbin** program at the beginning of the path.

- ☑ **PATH=$PATH:$HOME/newbin**

  > ✓ **Correct**
  > This puts the **newbin** program at the end of the path.

- ☐ **$PATH=$PATH:$HOME/newbin**

- ☐ **PATH=$HOME/$newbin:$PATH**

2. To make an environment variable (**VAR**) effective for only one command (**foobar**), you should do:

1 / 1 point

- ○ **VAR=value &&   ./foobar**
- ◉ **VAR=value   ./foobar**
- ○ **export VAR=value ./foobar**
- ○ **VAR=value ;   ./foobar**

  > ✓ **Correct**
  > This is correct.

3. Which of the following expressions will give the correct mathematical result (**7**) for **x = 10** (Select all answers that apply)?

1 / 1 point

- ☑ **$ echo $(($x - 3))**

  > ✓ **Correct**
  > This will work as intended ; try it!

- ☐ **$ echo $(expr $x-3)**

☑ **$ echo $(expr $x - 3)**

> ✓ **Correct**
> This will work as intended ; try it!

☐ **$ echo $x - 3**

---

4. Which commands will get both the normal and error outputs of **prog** into **afile**?

1 / 1 point

☐ **foo >> file**

☐ **foo 2>&1 file**

☑ **foo >& file**

> ✓ **Correct**
> This will work as intended ; try it!

☑ **foo > file 2>&1**

> ✓ **Correct**
> This will work as intended ; try it!

---

5. Which of the following commands has the correct syntax for specifying an alias?

1 / 1 point

☑ **alias doitall="make clean; make all; evince output.pdf"**

> ✓ **Correct**
> You can have blank spaces in an alias if you use single or double quotes.

☐ **alias doitall=make clean; make all; evince output.pdf**

☐ **alias doitall= "make clean; make all; evince output.pdf"**