

Terminal 3

WHICH OF THE FOLLOWING IS TRUE?

- 1) THE DNS PROTOCOL ALLOWS A WEB BROWSER TO FIND AN IP ADDRESS FROM A URL.
- 2) THE TCP PROTOCOL BREAKS DATA DOWN INTO PACKETS FOR TRANSMISSION (OR REASSEMBLES THEM UPON RECEIPT).
- 3) THE IP PROTOCOL PUTS APPROPRIATE "TO" AND "FROM" ADDRESSES ONTO PACKETS.
- 4) THE TCP/IP PROTOCOLS DO NOT ENCRYPT DATA, BUT TLS/SSL CAN BE USED TO ENCRYPT HTTP REQUESTS. THIS IS THE BASIS OF THE HTTPS PROTOCOL.
- 5) ALL OF THE ABOVE.

answer1 = _____

```
x ← 5
y ← 2*x
y ← x + y
y ← y/3
x ← 1
```

answer2 ← x + y

convertToHex(answer1 + answer2) = convertToHex(11) = B