Figure 3 contains a subroutine that returns a value.

Figure 3

```
SUBROUTINE Times(a, b)
    c <- 0
    FOR i <- 1 TO 3
        d <- a * b
        c <- c + d
    END FOR
    RETURN c
ENDSUBROUTINE
```

a) Complete the trace table below when the subroutine call `Times(7, 3)` is made (you may not need all the rows in the table):

[3 marks]

a	b	c	d

b) A programmer mistakenly tries to shorten the subroutine in **Figure 3** by replacing the lines:

```
d <- a * b
c <- c + d
```

With the line:

```
d <- c + a * b
```

Explain why this change is a mistake

[2 marks]

....

....

....

....

c) What value is returned by the subroutine call `Times(p, 0)` where `p` is any positive integer?

[1 mark]

....