Validation, Verification & Testing

Algo	rithm A
01	Mobile ← INPUT
02	IF LEN(Mobile) <> 11
03	THEN
04	OUTPUT "Number Invalid"
05	ELSE
06	OUTPUT "Number Valid"
07	ENDIF

```
Algorithm B

01  Age ← INPUT

02  IF age >= 11 AND age <= 18

03     THEN

04     OUTPUT "Within range"

05     ELSE

06     OUTPUT "Out of range"

07  ENDIF
```

Algo	rithm C
01	TestResult ← INPUT
02	ResultConfirm ← INPUT
03	IF TestResult = ResultConfirm
04	THEN
05	OUTPUT "Result valid"
06	ELSE
07	OUTPUT "Please re-enter"
08	ENDIF

1.	Which of the exan	ple algorithms	is an example	e of verification?	(1)

2. Which of the example algorithms is an example of range check validation? (1)

3. Which of the example algorithms is an example of length check validation? (1)

4. Name one other type of validation. (1)

5. Complete this test table for Algorithm A. (1)

Description	Test Type	Test Data	Expected Outcome
Test a value longer than the expected length.	Erroneous	070000000000000	"Number Invalid"
	Normal		

Description	Test Type	Test Data		Expected Outcom
	Boundary			
	Erroneous			
	Normal			
	Normal			
r below -20°C. Design a va				
omplete this test table for			question.	l .
	Test Type	ed in the previous	question.	(3) Expected Outcom
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Complete this test table for Algorithm B. (3)