

Experiment



A2-1

音響ブラックボックス 解答用紙

A.1 (0.2 pt)

$$x(t) =$$

$$y(t) =$$

DELEGATION PRINT

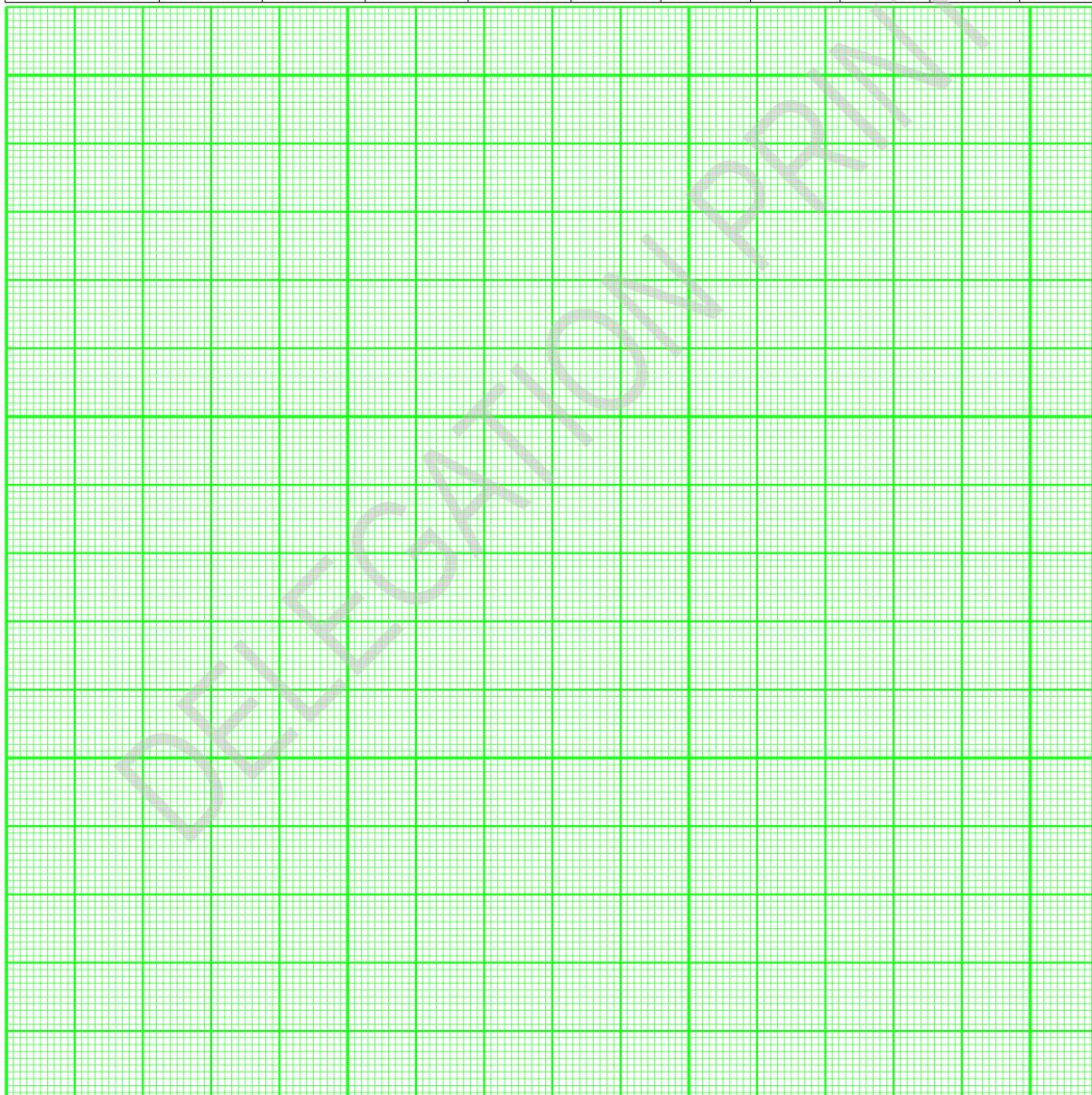
Experiment



A2-2

A.2 (1.2 pt)

No.	1	2	3	4					
$t(s)$									
f (Hz)									



Experiment



A2-3

A.3 (1.0 pt)

最小周波数の表式:

A.4 (1.4 pt)

音源の初期位置:

(x_A, y_A) :

A.5 (2.1 pt)

f_0 (Hz)	ω (s^{-1})	R (m)	v_s (m/s)

A.6 (2.0 pt)

β (度の単位で) =

A.7 (2.1 pt)

音源の中心の初期位置:

(x_C, y_C) :

Experiment



22nd Asian Physics Olympiad

A2-4

Experiment

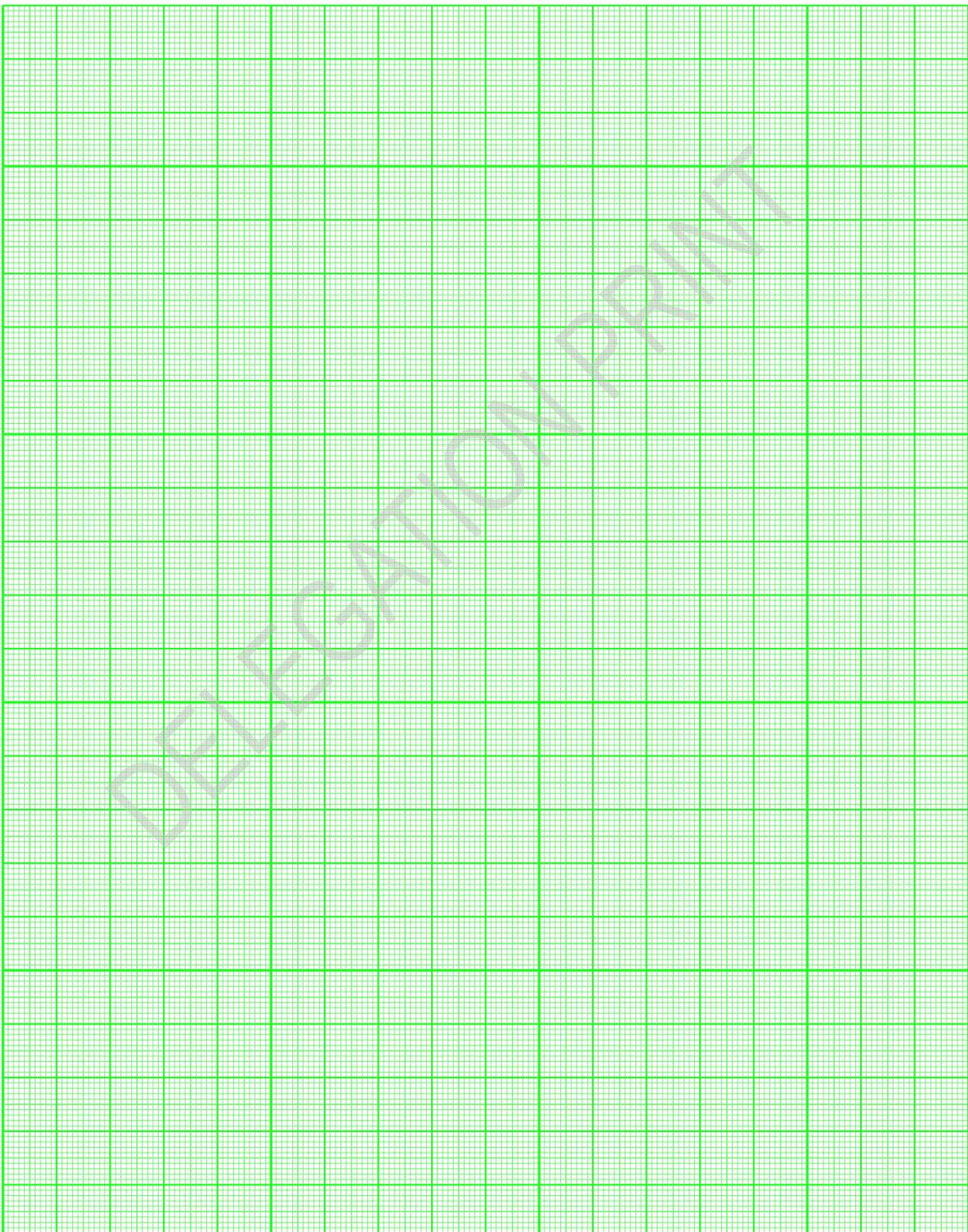


A2-5

Experiment



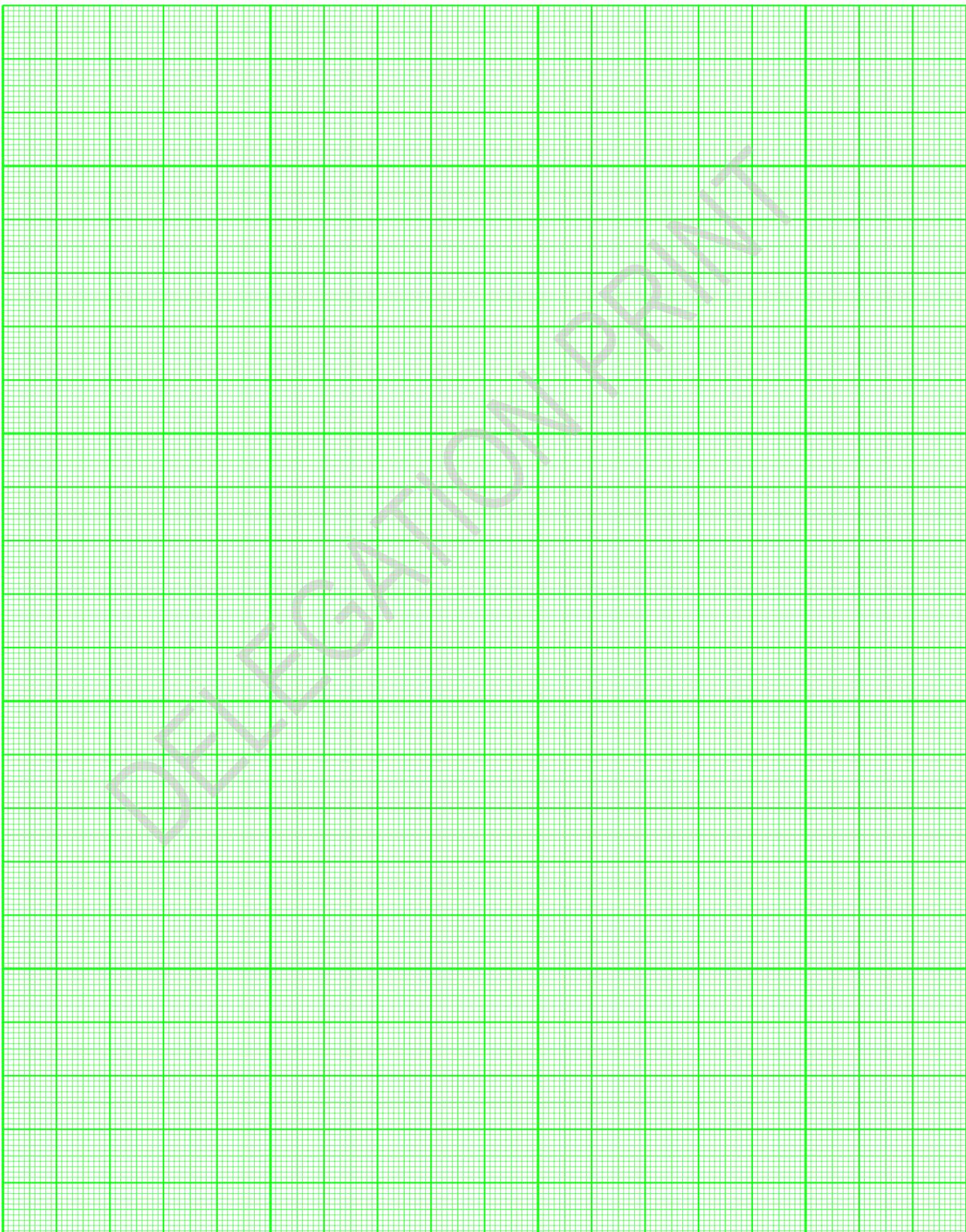
A2-6



Experiment



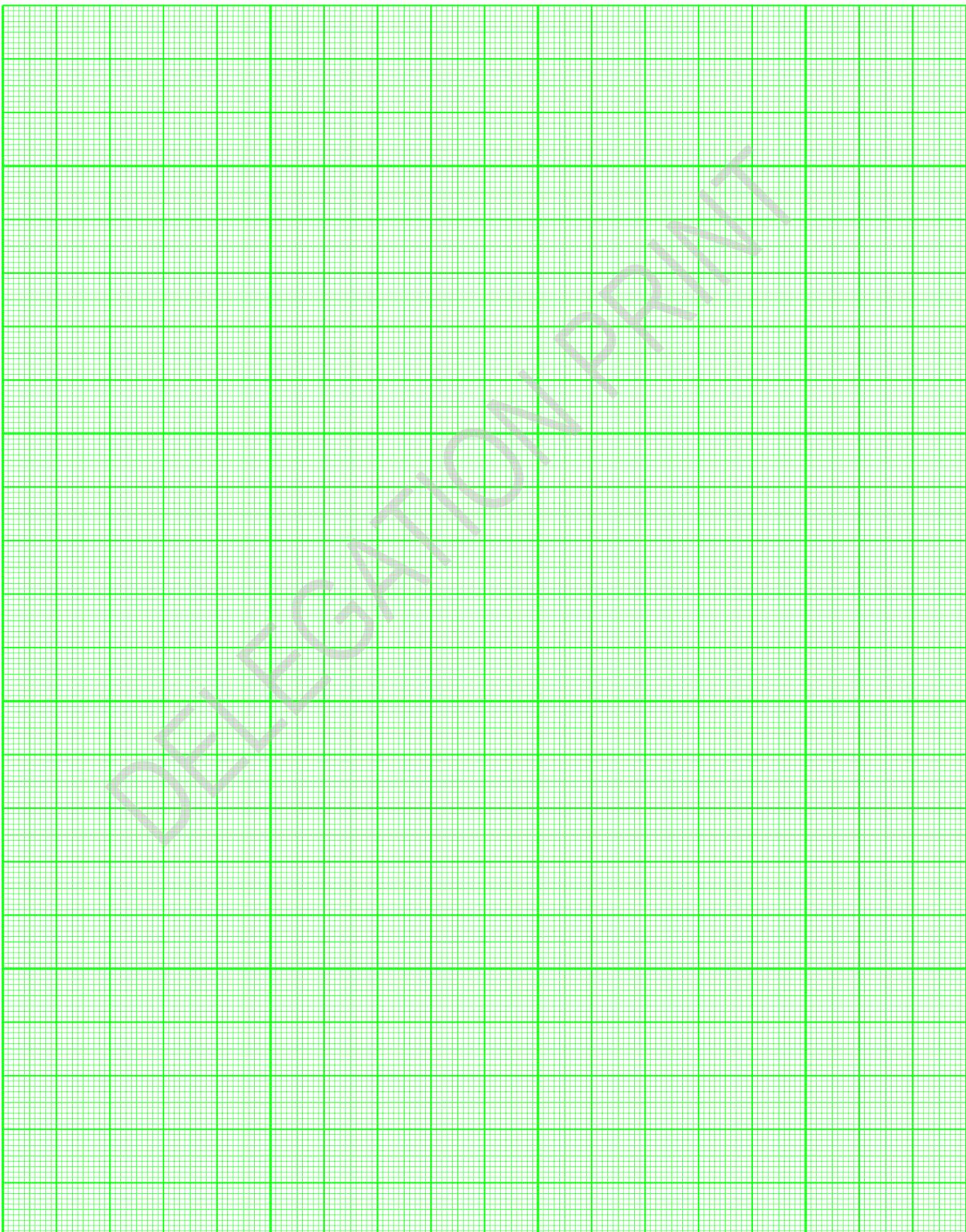
A2-7



Experiment



A2-8



Experiment



A2-9

