t = 2x60+40=160s
T = 160 ÷ 50 = 3.2 (2 s.f) (1 s.f) Ans = 3 (1s.f)

Worksheet 4

Solutions:

1. A pendulum makes 50 complete swings in 2 mins 40 s. What is the time period for I complete swing?
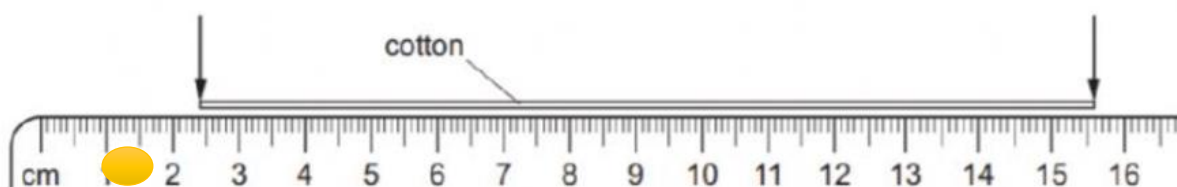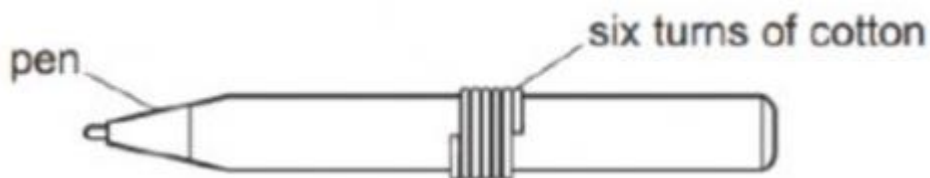
C. 3 S	D. 3.2	B. 3.0	A. 0.84 S

2. Which of the following best describes the precision of each instrument below?

	Micrometer	Ruler	Vernier calipers
A.	0.01 cm	0.01 cm	0.01 cm
B.	0.01 cm	0.1 cm	0.01 cm
C.	0.01 cm	0.1 cm	0.001 cm
D.	0.001 cm	0.1 cm	0.01 cm

3. A length of cotton is measured between two points on a ruler.

When the length of the cotton is wound closely around a pen, it goes round six times.

13.2 ÷ 6 = 2.2

What is the distance once round the pen?

A. 2.2 cm	B. 2.6cm	C. 2.1 cm	D. 13.2 cm