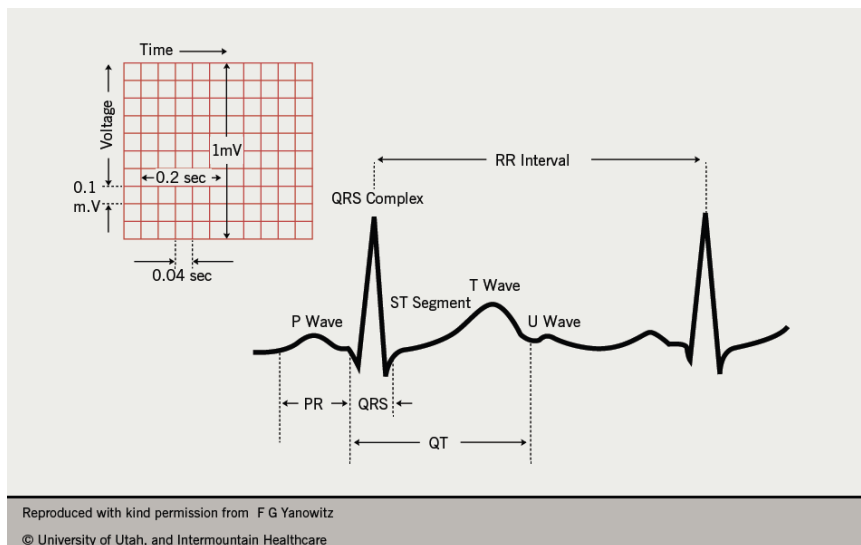
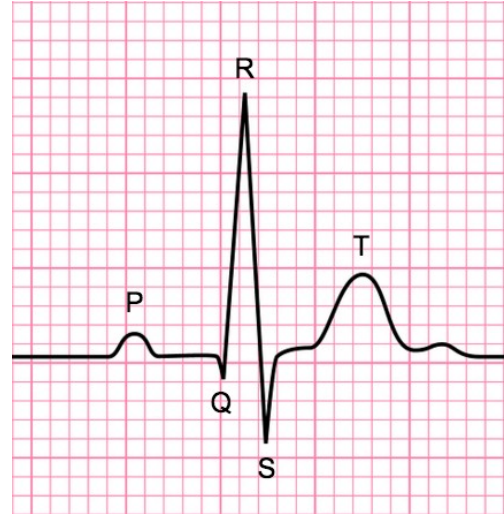
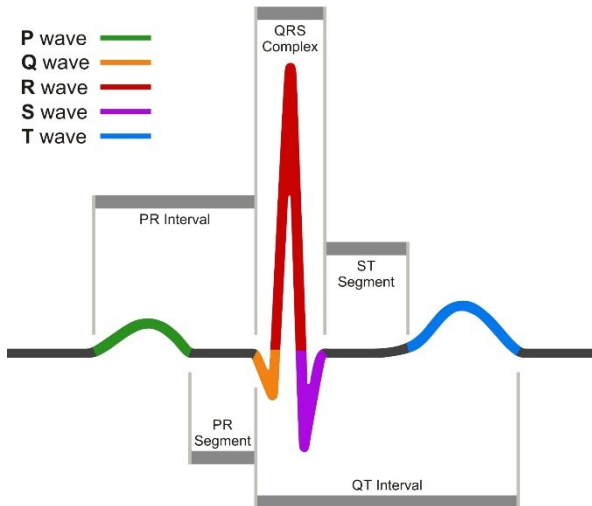


The EKG waveform consists of:

- P Wave: Represents atrial depolarization
- QRS: Represents ventricular depolarization
- T Wave: Represents ventricular repolarization



- 1 small square on an ECG trace (at 25 mm/s speed) = 0.04 s
- PR interval 0.11–0.20 seconds (3–5 small squares)
- QRS complex 0.06–0.10 seconds (1.5–2.5 small squares)
- QT interval 0.36–0.44 (9–11 small squares).

Six Basic Steps for Rhythm Interpretation

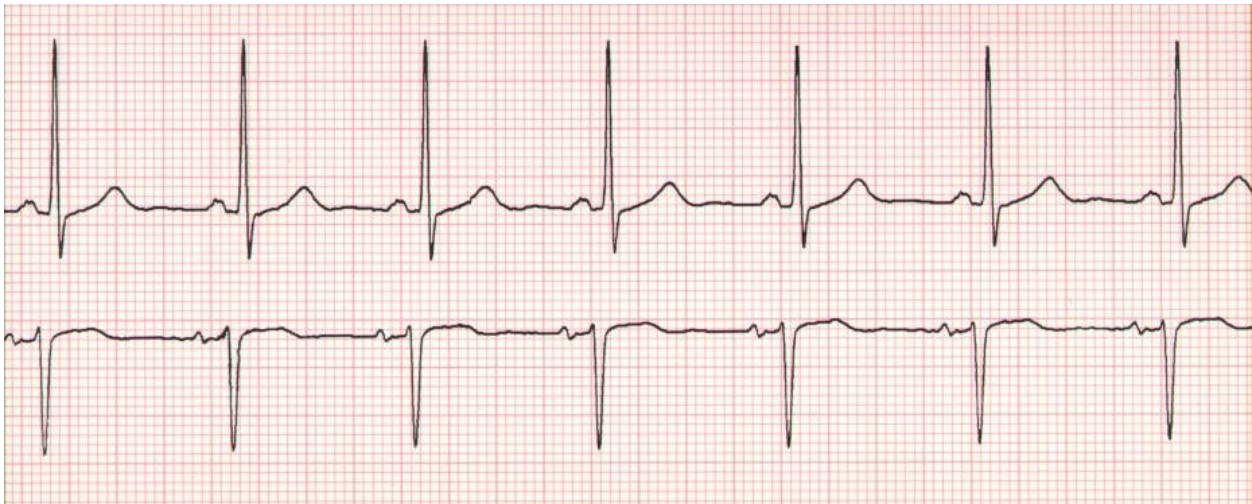
1. Rate: (Calculate the heart rate (HR) or note the HR from the monitor)
2. Regularity: (Measure the regularity or rhythm of the R waves)
3. P-wave Examination: Is there one P wave before each QRS? (there should be)
4. P to R Interval: (Measure the P to R interval - Is it within normal limits? It is consistent?)
5. QRS Width: (Measure the duration of the QRS complex)
6. Rhythm Interpretation

N321 Adult Health EKG Practice

Please assume these are 6s strips

Please determine heart rate, irregular or regular rhythm, P wave before QRS, PR interval, QRS interval

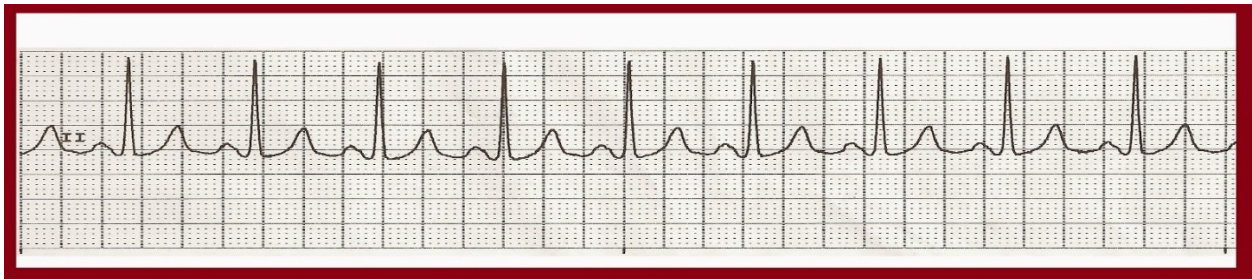
Then answer if Normal sinus rhythm, Sinus Bradycardia, Sinus Tachycardia, Asystole



1. Heart Rate _____ Regular or irregular _____ P wave before each QRS _____

Between PR (0.12-0.20) _____ QRS 0.04-0.10 _____

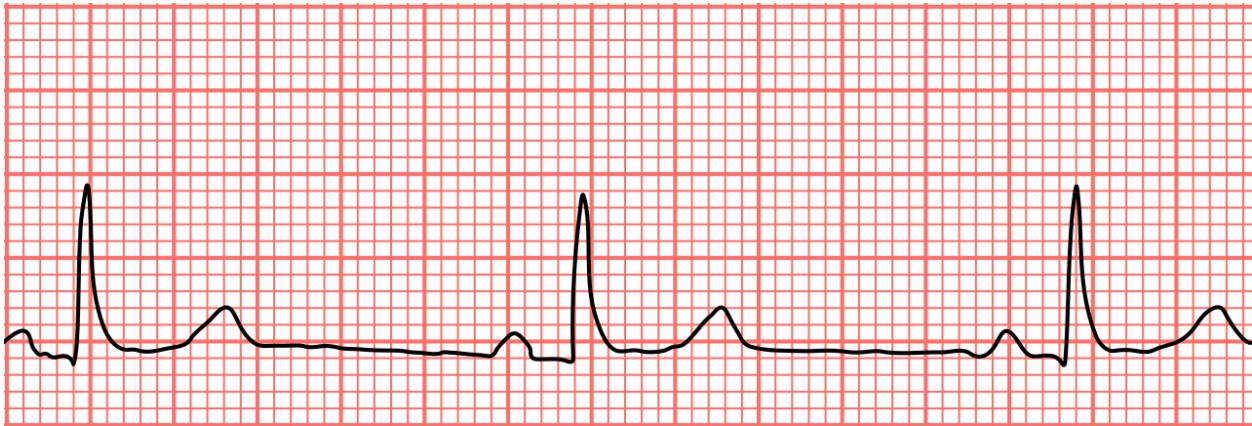
Answer: _____



2. Heart Rate _____ Regular or irregular _____ P wave before each QRS _____

Between PR (0.12-0.20) _____ QRS 0.04-0.10 _____

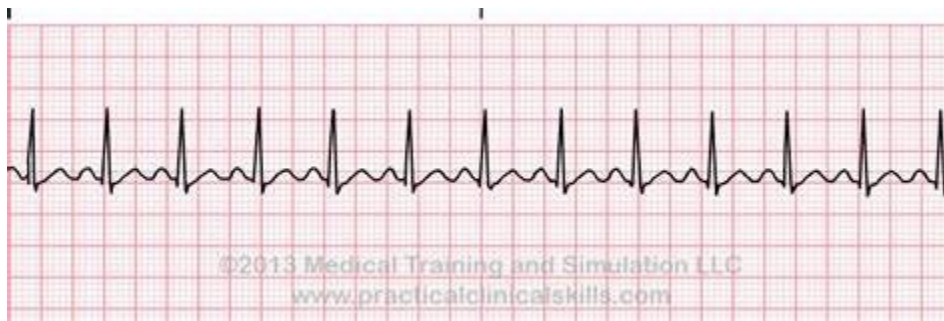
Answer: _____



3. Heart Rate _____ Regular or irregular _____ P wave before each QRS _____

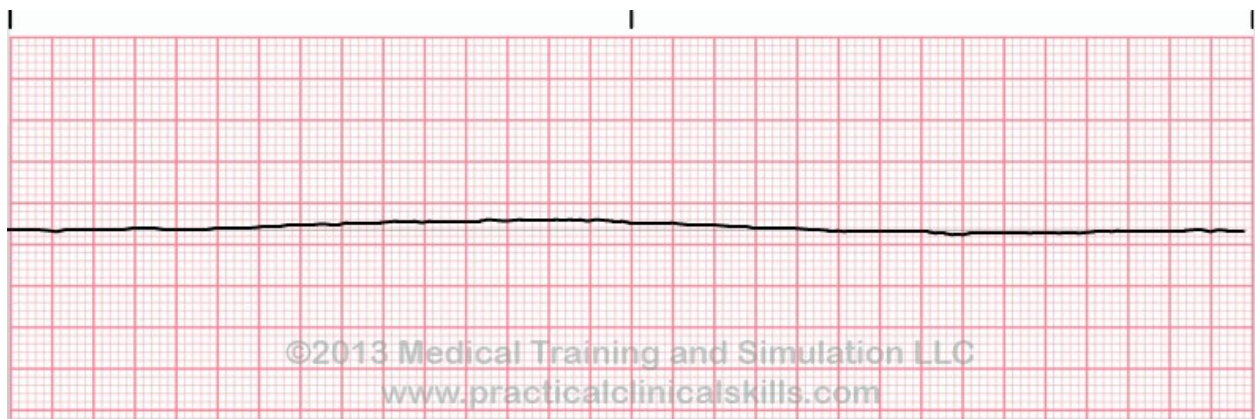
Between PR (0.12-0.20) _____ QRS 0.04-0.10 _____

Answer: _____



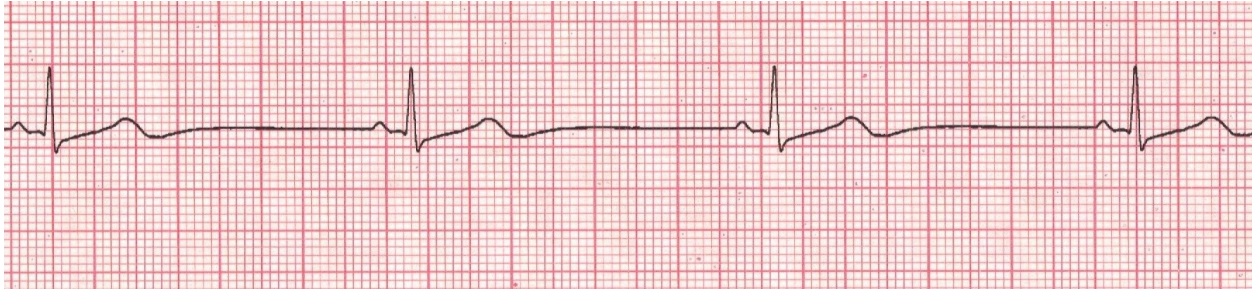
4. Heart Rate _____ Regular or irregular _____ P wave before each QRS _____
Between PR (0.12-0.20) _____ ORS 0.04-0.10 _____

Answer: _____



5. Heart Rate _____ Regular or irregular _____ P wave _____

Answer: _____



6. Heart Rate_____ Regular or irregular_____ P wave before each QRS_____
 Between PR (0.12-0.20)_____ QRS 0.04-0.10_____

Answer:_____



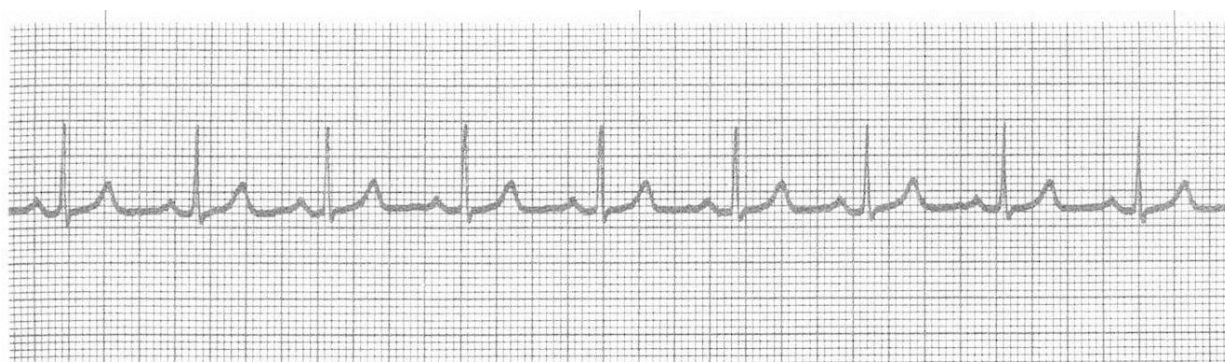
7. Heart Rate_____ Regular or irregular_____ P wave before each QRS_____
 Between PR (0.12-0.20)_____ QRS 0.04-0.10_____

Answer:_____



8. Heart Rate _____ Regular or irregular _____ P wave _____

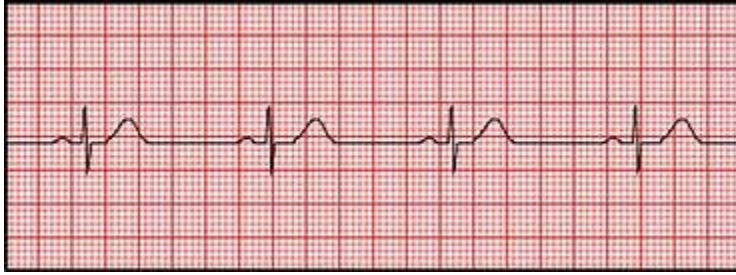
Answer: _____



9. Heart Rate _____ Regular or irregular _____ P wave before each QRS _____

Between PR (0.12-0.20) _____ QRS 0.04-0.10 _____

Answer: _____



10. Heart Rate _____ Regular or irregular _____ P wave before each QRS _____

Between PR (0.12-0.20) _____ QRS 0.04-0.10 _____

Answer: _____