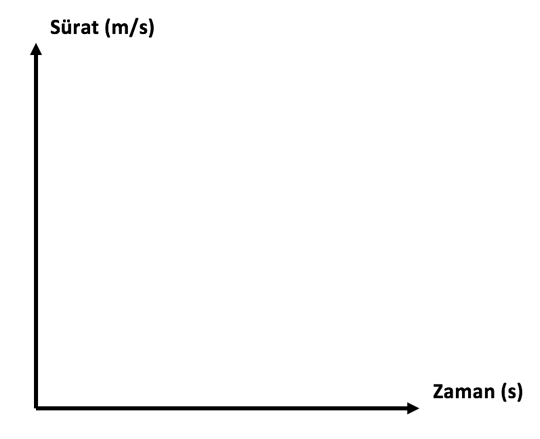
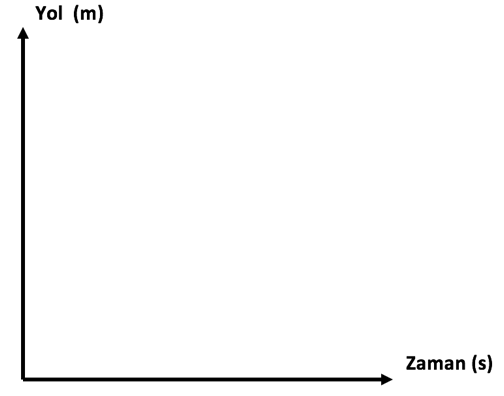
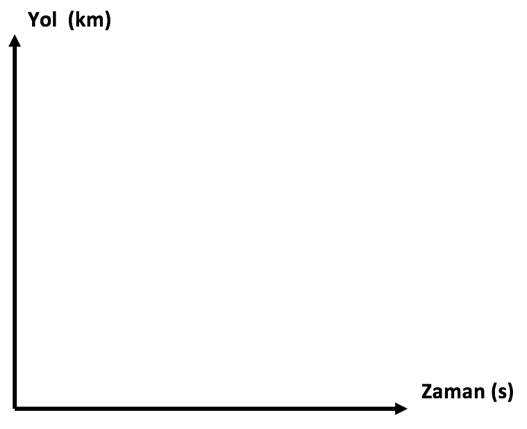
1. **Aşağıda bulunan tabloları kullanarak yol-zaman ve sürat-zaman grafiklerini çiziniz. (4x4=16p)**

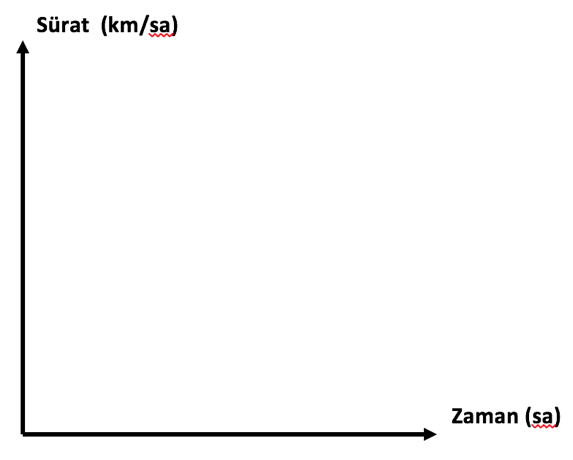
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sürat (m/s) | 10 | 10 | 10 | 10 |
| Zaman (s) | 0 | 3 | 6 | 9 |





|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Yol (km) | 0 | 50 | 100 | 150 |
| Zaman (sa) | 0 | 5 | 10 | 15 |





1. **Aşağıdaki sürat problemlerini çözünüz.(6x4=24p)**
2. Sürati 325 m/s olan bir araç 15 saniyede kaç metre yol alır?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. A ve B şehirleri arası 500 kilometredir. Sürati 25 km/sa olan bir motorsikletli A şehrinden B şehrine kaç saatte gider?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. 10 saatte 300 km yol alan otomobilin sürati kaç km/sa’tir?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. 24 km’lik yolu 6 saatte yürüyen bir yürüyüşçünün sürati kaç km/sa’tir?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. Sürati 65 km/sa olan bir kamyon 4 saatte kaç km yol alır?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. Sürati 75 m/s olan bir araç 225 metreyi kaç saniyede alır?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. **Aşağıdaki cisimlere uygulanan net kuvveti (bileşke kuvvet) ve net kuvvetin özelliklerini bulunuz. (12x2=24p)**

**5 N**

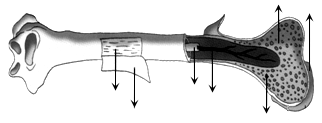
**25 N**

1. **Net kuvvet:**

* **Büyüklüğü: ……………….**
* **Yönü:……………………….**
* **Doğrultusu: ……………………**

**17 N**

**4 N**



**23 N**

1. **Net kuvvet:**

* **Büyüklüğü: ……………….**
* **Yönü:……………………….**
* **Doğrultusu: ……………………**

**1 N**

**45 N**

**37 N**

1. **Net kuvvet:**

* **Büyüklüğü: ……………….**
* **Yönü:……………………….**
* **Doğrultusu: ……………………**

**15 N**

**17 N**

**14 N**

**12 N**

1. **Net kuvvet:**

* **Büyüklüğü: ……………….**
* **Yönü:……………………….**
* **Doğrultusu: ……………………**

Görevi: ………………….

1. **Verilen** **süratlerin birimlerini çeviriniz. (2x5=10p)**
2. 150 m/s kaç km/sa’tir?

…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

……………………………………………………………………………………..

1. 36 km/sa kaç m/s’dir?

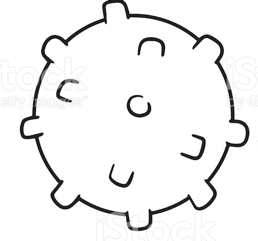
…………………………………………………………………………………….

……………………………………………………………………………………..

……………………………………………………………………………………..

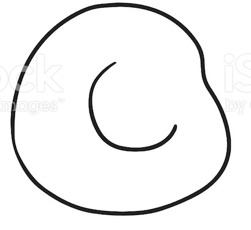
……………………………………………………………………………………..

1. **Aşağıda uzun kemiğin kısımları verilmiştir. Ok ile gösterilen kısımların isimlerini yazınız.(7x2=14p)**
2. **Aşağıdaki kan hücrelerini resimleriyle eşleştirip görevlerini yazınız. (6x2=12p)**



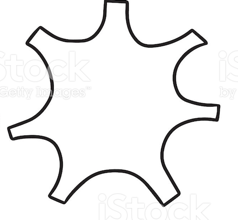
**ALYUVAR**

Görevi: ………………….



**AKYUVAR**

Görevi: ………………….



**KAN PULCUKLARI**