

## 8.5 AKTIVITI PERBINCANGAN

### Pengelasan tuas Classification of levers

Tarikh:

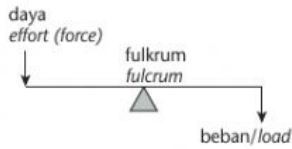
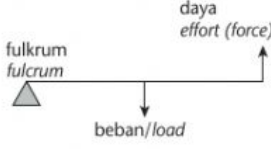
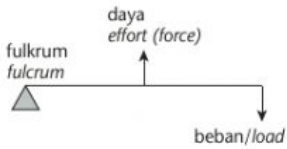
PBD

Konstruktivisme

Buku teks m/s 181 – 183

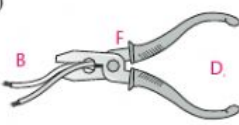
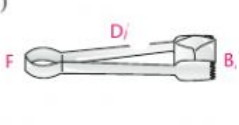
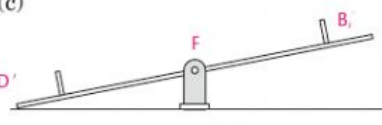
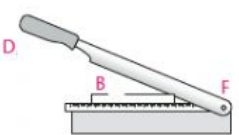
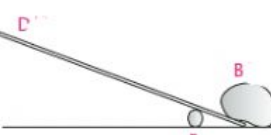
1 Lengkapkan ruang kosong tentang model sistem tuas.

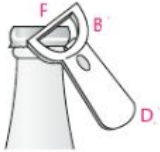
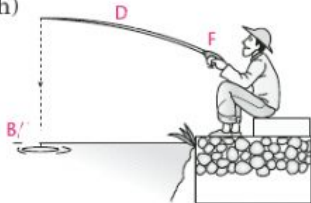
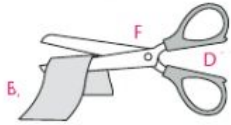
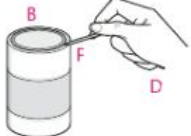
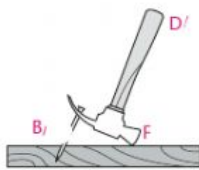
Fill in the blanks concerning on the models of lever systems. TP1

| Kelas pertama/First class                                                                                                               | Kelas kedua/Second class                                                                                                              | Kelas ketiga/Third class                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Fulkrum terletak di antara _____ dengan _____.</p> |  <p>Beban terletak di antara _____ dengan _____.</p> |  <p>Daya terletak di antara _____ dengan _____.</p> |
| <p>Tuas ialah sejenis mesin yang digunakan untuk _____ kerja.</p>                                                                       |                                                                                                                                       |                                                                                                                                        |

2 Kenal pasti kedudukan fulkrum (F), beban (B) dan daya (D) bagi alat yang diberi. Kemudian, nyatakan kelas tuas bagi setiap alat itu.

TP2

| Pertama/First                                                                                                                                 | Kedua/Second                                                                                                                               | Ketiga/Third                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(a)</p>  <p>Playar</p> <p>Kelas tuas _____</p>          | <p>(b)</p>  <p>Penyepit ais</p> <p>Kelas tuas _____</p> | <p>(c)</p>  <p>Jongkang-jongket</p> <p>Kelas tuas _____</p> |
| <p>(d)</p>  <p>Pemotong kertas</p> <p>Kelas tuas _____</p> | <p>(e)</p>  <p>Tuil besi</p> <p>Kelas tuas _____</p>    | <p>(f)</p>  <p>Kereta sorong</p> <p>Kelas tuas _____</p>   |

|                                                                                                                                                   |                                                                                                                                                            |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <p>(g)</p>  <p>Pembuka penutup botol</p> <p>Kelas tuas _____</p> | <p>(h)</p>  <p>Joran,</p> <p>Kelas tuas _____</p>                         | <p>(i)</p>  <p>Gunting,</p> <p>Kelas tuas _____</p> |
| <p>(j)</p>  <p>Penyapu</p> <p>Kelas tuas _____</p>               | <p>(k)</p>  <p>Paku untuk membuka penutup tin</p> <p>Kelas tuas _____</p> | <p>(l)</p>  <p>Penukul</p> <p>Kelas tuas _____</p>  |