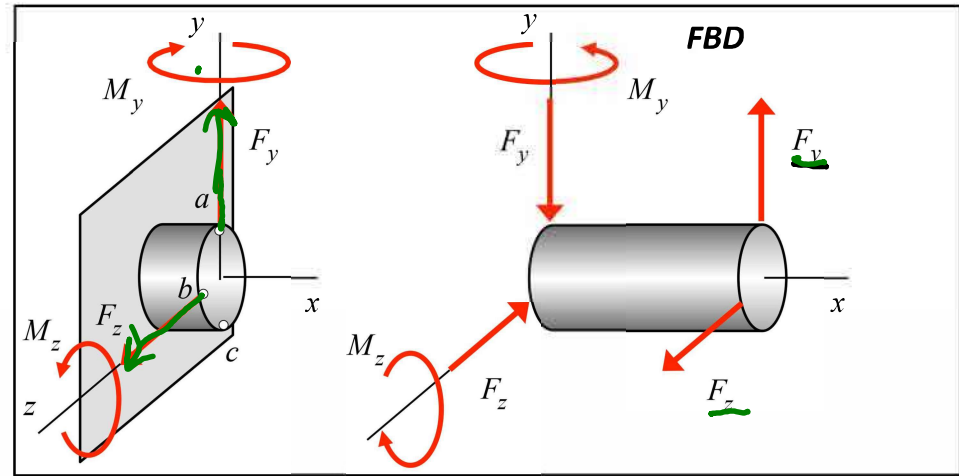
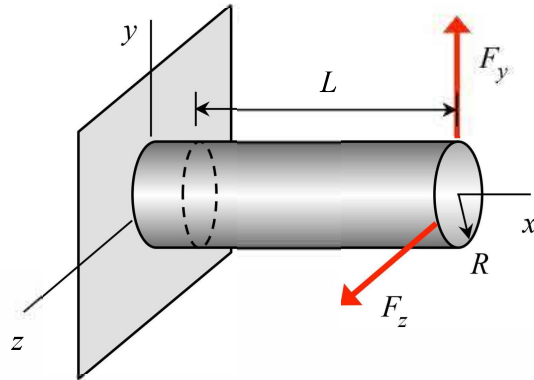
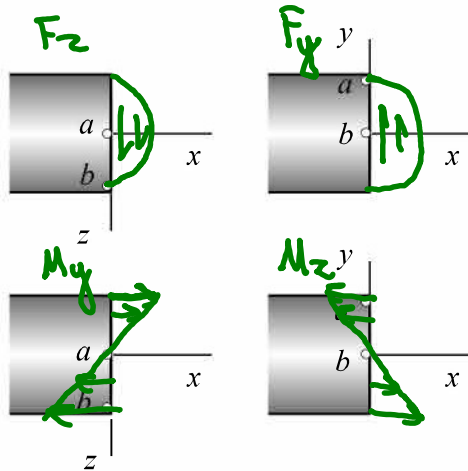
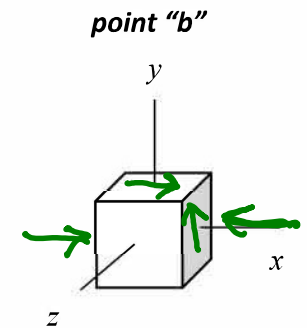
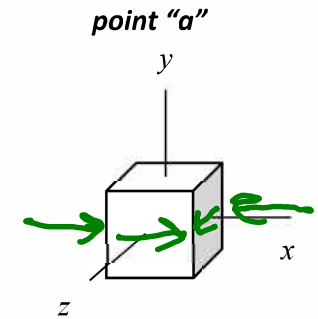




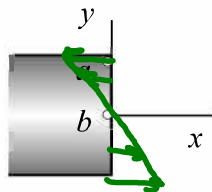
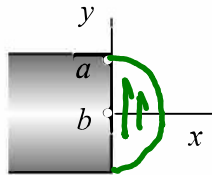
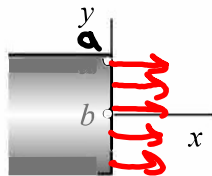
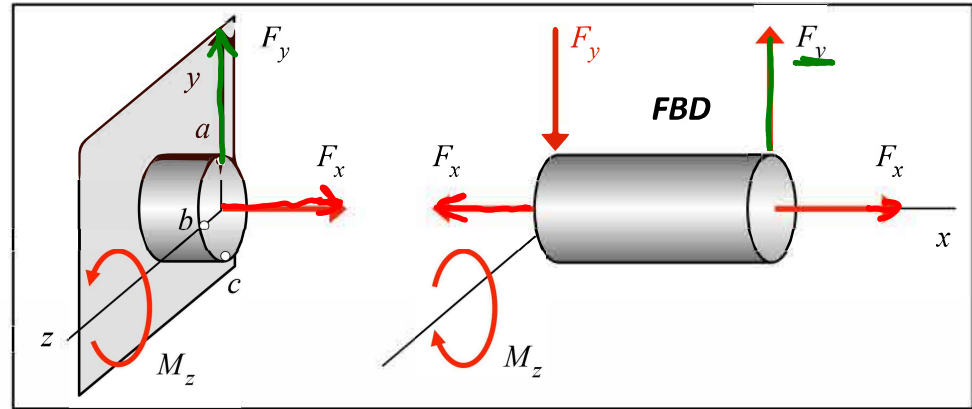
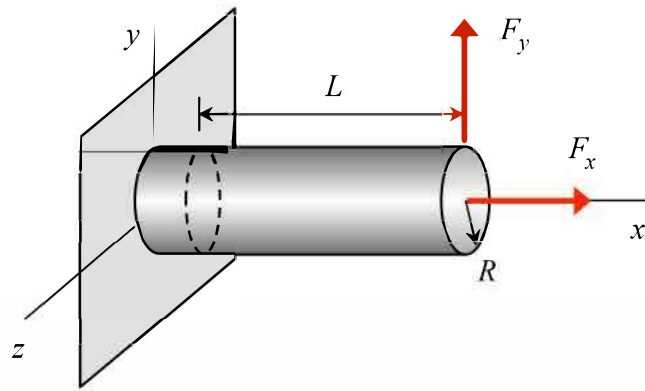
### Example IV



| loading | stress comp.<br>@ "a"         | stress comp.<br>@ "b"         |
|---------|-------------------------------|-------------------------------|
| $F_y$   | 0                             | $\tau_{xy} = \frac{4F_y}{3A}$ |
| $M_z$   | $\sigma_x = -\frac{M_z R}{I}$ | 0                             |
| $F_z$   | $\tau_{xz} = \frac{4F_z}{3A}$ | 0                             |
| $M_y$   | 0                             | $\sigma_x = -\frac{M_y R}{I}$ |

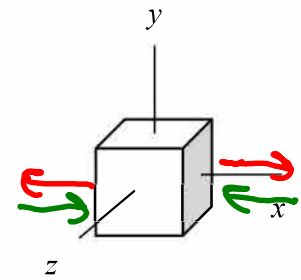


### Example III



| loading | stress comp.<br>@ "a"          | stress comp.<br>@ "b"         |
|---------|--------------------------------|-------------------------------|
| $F_x$   | $\sigma_x = \frac{F_x}{A}$     | $\sigma_x = \frac{F_x}{A}$    |
| $F_y$   | 0                              | $\tau_{xy} = \frac{4F_y}{3A}$ |
| $M_z$   | $\sigma_x = -\frac{ M_z R}{I}$ | 0                             |

point "a"



point "b"

