

EXERCISES

Basics and areas of application

- 1. Rolling bearings are used as a movable connection between a shaft and housing and thereby aid load transmission with minimum frictional resistance.**
 - a) Correct
 - b) Incorrect

- 2. Which properties apply to rolling bearings?**
 - a) With rolling bearings there is either load transmission or low friction
 - b) Rolling elements are installed in every rolling bearing
 - c) Rolling movements should be made possible with minimum friction
 - d) The rolling bearing can be considered a mechanical component

- 3. Which of the following are examples of areas where rolling bearings are used?**
 - a) Automobile construction
 - b) Aircraft engines
 - c) Electric toothbrushes
 - d) Wind power

- 4. What types of rolling bearings are there?**
 - a) Fluid bearing
 - b) Ball bearing
 - c) Journal bearing
 - d) Roller bearing

- 5. Rolling bearings are always made of the same material.**
 - a) Correct
 - b) Incorrect

- 6. Rolling bearings are available in standardised dimensions.**
 - a) Yes, they are always standardised
 - b) Yes, but special types exist
 - c) No, there are no standards