

ENGAGE

ENRICH

EMPOWER



**SRI VIDYANIKETAN
PUBLIC SCHOOL SRIRAMNAGAR**

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**BRIDGE COURSE
GRADE – IX
SCIENCE
WORKSHEET**

SRI VIDYANIKETAN PUBLIC SCHOOL - SRIRAMNAGAR

**Chapter-Friction**

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- 1) Friction is a
- (a) non-contact force
 - (b) contact force
 - (c) magnetic force
 - (d) electrostatic force
- 2) Which of the following produces least friction?
- (a) Sliding friction
 - (b) Rolling friction
 - (c) Composite friction
 - (d) Static friction
- 3) Friction always
- (a) opposes the motion
 - (b) helps the motion
 - (c) both (a) and (b)
 - (d) none of these
- 4) Friction can be reduced by using
- (a) oil
 - (b) grease
 - (c) powder
 - (d) all of these

5) Static friction is less than

- (a) sliding friction
- (b) rolling friction
- (c) both (a) and (b)
- (d) none of these

6) The shape of an aeroplane is like a

- (a) dog
- (b) bird
- (c) car
- (d) all of these

7) Friction due to fluids is called

- (a) force
- (b) pressure
- (c) friction
- (d) drag

8) Which of the following is not a smooth surface?

- (a) Surface of wet soap
- (b) Surface of tyres
- (c) Glazed tiles
- (d) Surface of mirror

9) If we apply oil on door hinges, the friction will

- (a) increase
- (b) decrease
- (c) disappear altogether
- (d) will remain unchanged

10) Lubricant

- (a) reduce friction
- (b) increase friction
- (c) both (a) and (b)
- (d) none of these

