



Name: \_\_\_\_\_

Grade: \_\_\_\_\_

GRADE 8 CHAPTER - FRICTION

### COMPLETE THE GIVEN FILL IN THE BLANK BY PUTTING APPROPRIATE WORDS

opposes	both	static	increase	lubricants	hard	rough
Smoothness	Rolling	pair	nature	Sliding	smaller	minimized

- Friction \_\_\_\_\_ the relative motion between two surfaces in contact.
- It acts on \_\_\_\_\_ the surfaces.
- Friction depends on the \_\_\_\_\_ of surfaces in contact.
- For a given \_\_\_\_\_ of surfaces friction depends upon the state of \_\_\_\_\_ of those surfaces.
- Friction depends on how \_\_\_\_\_ the two surfaces press together.

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**UNIT TEST**
**RATIO AND PROPORTION**

TOTAL MARKS : 30

CLASS : 6

5 Marks

**I. CHOOSE THE BEST ANSWER**

- The equivalent ratio of 2:7 is \_\_\_\_\_  
 a. 7:2      b. 6:14      c. 4:14      d. 20:35
- The simplest form of the ratio of 12:6 is \_\_\_\_\_  
 a. 6:3      b. 6:12      c. 1:2      d. 2:1
- The ratio of the number of sides of a triangle to the number of sides of a square is \_\_\_\_\_  
 a. 4:3      b. 3:4      c. 5:3      d. 3:5
- The simplest form of the ratio of 2m to 25 cm is \_\_\_\_\_  
 a. 2:25      b. 200:25      c. 8:1      d. 1:8
- If the cost of 3 dolls is Rs.45, then the cost of 5 dolls is Rs. \_\_\_\_  
 a. 75      b. 225      c. 50      d. 15

**II. FILL IN THE BLANKS**

5 Marks

- 5 : \_\_\_\_ :: 30 : 18
- Ratio of 5 minutes to 8 minutes is \_\_\_\_\_
- If Rs.50 is divided among P and Q in the ratio 3:2, then Q's share is Rs. \_\_\_\_\_
- The two quantities in a ratio should be of the \_\_\_\_\_ unit.
- If a : b :: c : d, then ad = \_\_\_\_\_