

FRICITION: FRIEND OR FOE?

Name _____

Date _____

Per _____ page _____

1. Look at each of the Power Point slides and identify the surfaces that are rubbing together to cause friction:

- a. Track shoes: _____
- b. Parachute: _____
- c. Race car: _____
- d. Slide trombone: _____
- e. Chain saw: _____
- f. Skier: _____

2. In which situations (from above) is there little friction? _____

3. In which situations is there a lot of friction? _____

4. In which of the situations (from above) is friction helpful? _____

5. In which of the situations is friction harmful? _____

6. How could you reduce friction in each of the pictures?

- a. Track shoes/athlete: _____
- b. Parachute: _____
- c. Race car: _____
- d. Slide trombone: _____
- e. Chain saw: _____
- f. Skier: _____

7. How could you increase friction in each of the pictures?

- a. Track shoes/athlete: _____
- b. Parachute: _____
- c. Race car: _____
- d. Slide trombone: _____
- e. Chain saw: _____
- f. Skier: _____