ame	Class	Date
Skills Worksheet		
Directed Readi	inσ R	
Directed Medal	1118 D	
adian Fridian Al	Fares That Onnes	aa Naatian
ection: Friction: A		
1. What type of force is ne	eded to change the veloc	city of objects?
2. The force that opposes in	motion between two sur	faces that are in contact
is called		
HE SOURCE OF FRICTION	ı	
3. What are two factors the surfaces?	at affect the magnitude o	of friction between two
4. What happens to friction	n if the force pushing su	rfaces together increases?
		downward force than
objects that weigh more		
6. Friction is usually		
rough surfaces compare	ed to the amount of fricti	on between smooth surfaces.
YPES OF FRICTION		
7. What are the two	main types of friction?	
a. smooth and ro	9	
b. kinetic and sta		
c. light and heav	~	
d. moving and no	omnoving	
8. What is kinetic fi		
	en two heavy objects	
	en two rough surfaces	
	en two moving surfaces	
a. Iricuon betwe	en two smooth surfaces	
9. Two types of kinetic fric	etion are	and

Name		Class	Date
Directe	d Reading B continued		
10. Which	n type of kinetic friction	n is usually greater?	
11. What	is one example of the u	use of sliding kinetic f	riction?
12. What	is one example of the u	use of rolling kinetic f	riction?
	force applied to an obj	ject does not cause th	e object to move,
	on as an object starts n		static friction?
FRICTION	N: HARMFUL AND HEI	.PFUL	
15. Friction	on by wind and water o	ean cause	
	is a substance put on s ees called?	urfaces to reduce the	friction between the
17. Name	three ways friction can	n be reduced.	
18. What	are two ways friction c	an be increased?	