Name	Class	Date
Skills Worksheet		
Directed R	eading A	
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Section: Friction:	A Force that Opp	oses Motion
	ce causes a ball to stop ro	
2. The force that oppo	ses motion between two	o surfaces that are in contact is
THE SOURCE OF FRIC	TION	
3. What are two factors	that affect the amount of	friction between two surfaces?
4. What happens to frict	ion if the force pushing	surfaces together increases?
5. Why is more force ne small book across the		k across a table than to slide a
6. Is the amount of fricts Why?	ion greater between roug	h surfaces or smooth surfaces?
TYPES OF EDICTION		
7. What is kinetic friction	on?	

Nan	cClassDate						
D	Directed Reading A continued						
8.	3. What are two types of kinetic friction?						
	9. Which type of kinetic friction is usually greater, sliding kinetic friction or rolling kinetic friction?						
10.	What is one example of the use of sliding kinetic friction?						
11.	What is one example of the use of rolling kinetic friction?						
12.	2. What is static friction?						
13.	As soon as an object starts moving, what replaces static friction?						
FRI	FRICTION: HARMFUL AND HELPFUL						
14.	What is one helpful way friction affects a car?						
15.	What is one harmful way friction affects a car?						

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D	Directed Reading A continued			
16.	6. What is a substance applied to a s	surface to reduce	friction called?	
17.	7. What are three ways friction can	be reduced?		
18.	B. What are two ways friction can b	e increased?		