Name	Class	Date
Skills Worksheet		
Directed R	eading A	
Section: What Is	a Force?	
1. In science, a push or	a pull is a(n)	
2. Any change in motion	n is caused by a(n)	
3. Force is expressed by	y a unit called the	
FORCES ACTING ON	DBJECTS	
4. Force always acts on	a(n)	·
5. Give two examples of your schoolwork.	f objects on which you ex	tert forces when you are doing
6. Give one example of	a force that does not caus	se an object to move.
7. What is one example	of an unseen source exert	ting a force?
8. What is one example	of an unseen receiver of a	a force?
DETERMINING NET FO	DRCE	
9. The combination of a	all forces acting on an obje	ect is
10. How is net force determined same direction?	ermined if two students mo	oving a piano exert force in the

Name	e Class Date
Diı	rected Reading A continued
7	Γwo dogs are pulling on a rope in opposite directions. The dog on the left pulls with a force of 10 N, while the dog on the right pulls with a force of 12 N. Which dog will win the tug-of-war? What is the net force?
12. v	ANCED AND UNBALANCED FORCES What will knowing the net force on an object tell you about the forces on the object?
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13. V	When are the forces on an object balanced?
	Forces are unbalanced when the net force is not equal to a certain number of newtons. What is that number?
15. V	What do you need to cause an object to start moving?
	Give an example of an object that continues to move when an unbalanced Force is removed.
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