

Name _____
Honors Physics
Period _____

A

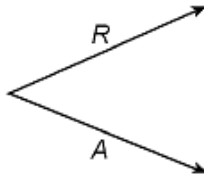
Date _____
Vectors/Projectiles WS #2H
Mrs. Nadworny

Resultants

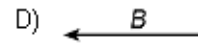
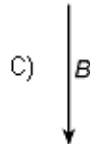
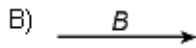
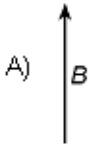
(21 pts)

Directions –Read online textbook pages 85 – 87. Solve the problem using both methods learned in class.

1. Vectors A and B have a resultant R. Vector A and resultant R are represented in the diagram below.




Which vector best represents vector B?



2. A 5.0 N vector could have perpendicular components of

A) 1.0 N & 4.0 N B) 2.0 N & 3.0 N C) 5.0 N & 5.0 N D) 3.0 N & 4.0 N

3. A frog hops 10.0 meters North along a river bank, and then hops 4.0 meters East to a lily pad. What is the displacement of the frog?

Scale Method	Math Method
	

Answers in size order: 11, 22

Continued on next page

