Name _____   Date _____

Multiply a Vector by a Scalar - Guided Lesson

Complete the following problems:

1) Find a vector perpendicular to both

u = (2, 8, 0) and

v = (4, 2, 6).

2) What is the angle θ between the vectors A = (-3, 0, 5) and B = (7, 8, 9)?

3) Find a vector perpendicular to both

u = (3, 6, 1) and

v = (2, 2, 7).