

Chapter 17

Magnetic Flux

17.1 (a) yes, (b) yes, (c) no, (d) no

17.2 (a) no, (b) no, (c) yes

17.3 (a) no, (b) yes

17.4 Yes

17.5 Increasing

17.6 If you use 30° , as it states in the problem, then your answers will be (a) 0.03 V, (b) 0.01 A, (c) clockwise; if you use 45° , because it gives a direction of northeast-southwest, then your answers will be (a) 0.066 V, (b) 0.022 A, (c) clockwise