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Distance	10 Mbps	100 Mbps	1 Gbps	Network Type
1 m	3.33 x10 ⁻⁶	3.33 x10⁻⁵	3.33 x 10 ⁻⁴	Desk area network
100 m	3.33 x 10 ⁻⁴	3.33 x 10 ⁻³	3.33 x 10 ⁻²	Local area network
10 km	3.33 x 10 ⁻²	3.33 x 10 ⁻¹	3.33 x 10 ⁺⁰	Metropolitan area network
1,000 km	3.33 x 10 ⁺¹	3.33 x 10 ⁺²	3.33 x 10 ⁺³	Wide area network
100,000 km	3.33 x 10 ⁺³	3.33 x 10 ⁺⁴	3.33 x 10 ⁺⁵	Global area network
 Max size Ethernet frame: 1,500 bytes = 12,000 bits Long and/or fat pipes give large <i>a</i> 				
CSE 3213, W14 L17: Medium Access Control				15







































