Exercise 1

3. five packets

4. 52 characters

5. (52-52)/52 = 0%

6. A million characters would be sent.

7. Compress the message. The receiving computer may not know what characters are used to replaced the compressed ones.

Exercise 2

3. 159.121.66.98 and 138.92.0.5

4. 138.92.0.5

5. Number of packets sent=0

Number of packets received=0

Number of packets forwarded=27

Number of packets dropped=0

6. 138.92.0.5 is sending to 159.121.2.13

7. Position: x=74 y=296

Number of packets sent=0

Number of packets received=82

Number of packets forwarded=0

Number of packets dropped=0