

Computing

Lesson 3: Transferring Information

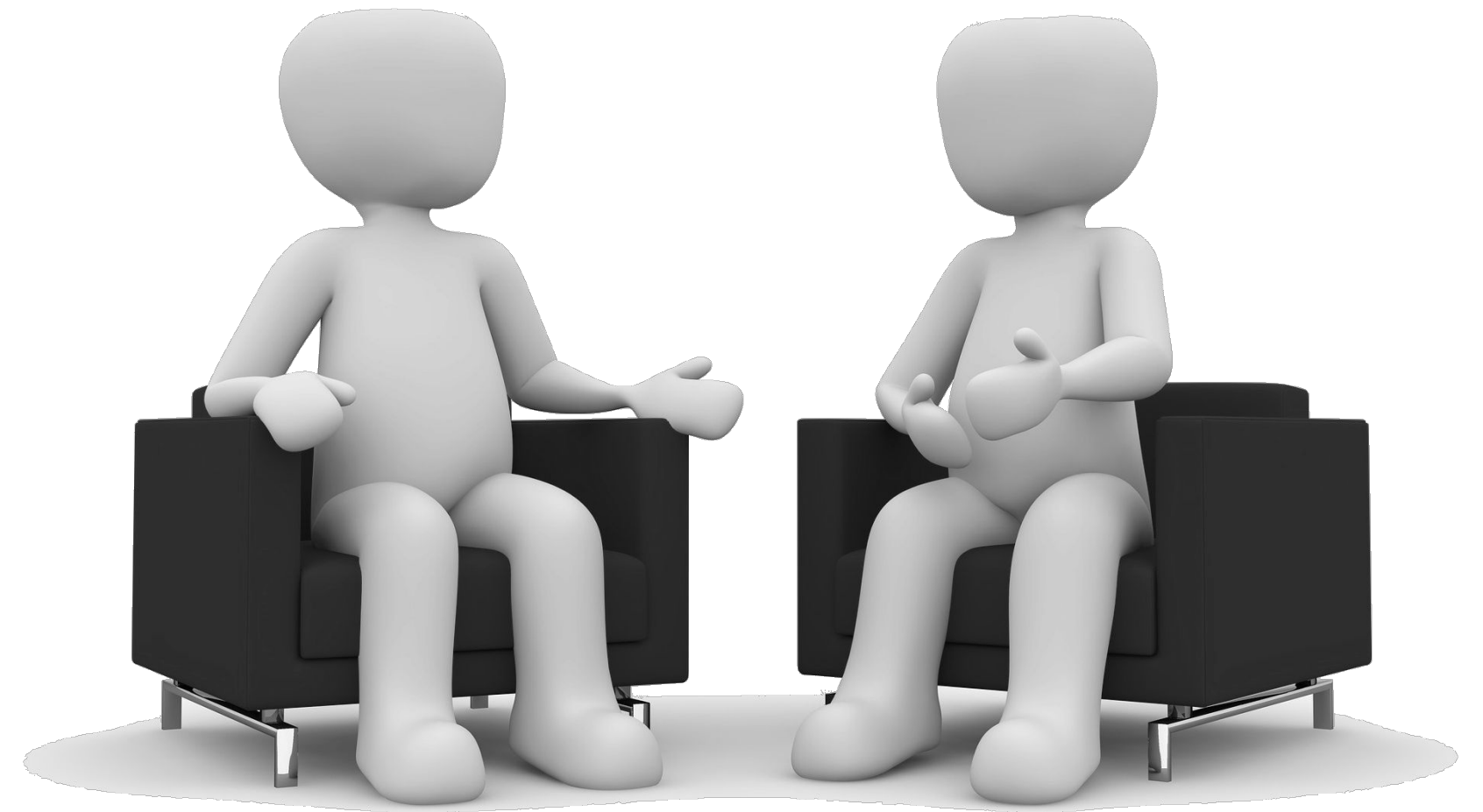
Sharing Information

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Task 1 - Task name

How do you communicate with someone successfully?



Credit: Pixabay



A packet will contain the sender and receiver's address, which packet it is, and the contents of the packet - e.g.

To:	From:	Message no.	of	Total no. of messages.								
10	8	1		2	H	E	L	L	O		W	O

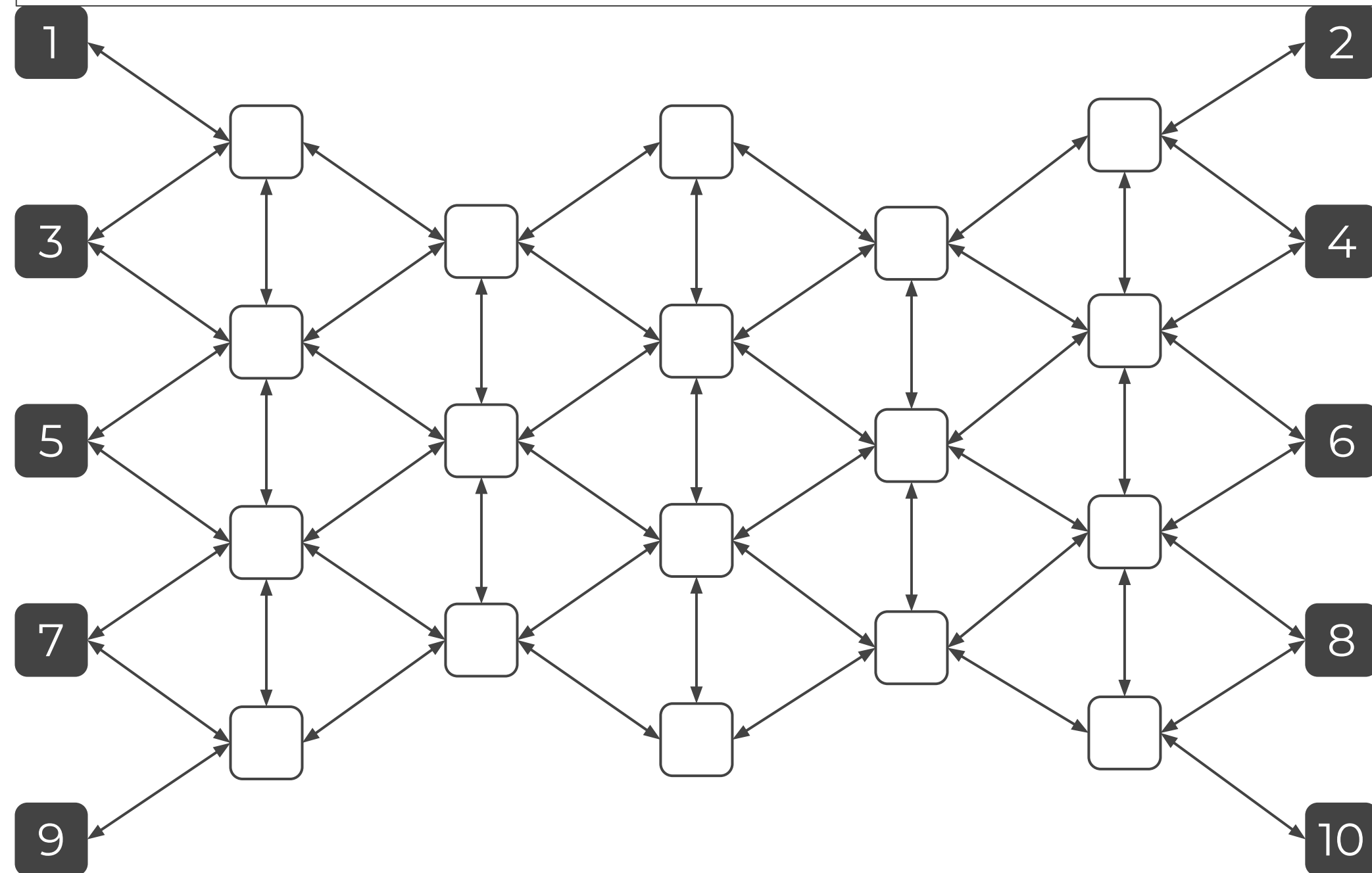
This protocol must be the same for each packet.

Can you complete the packet on the handout, so that they message 'HELLO WORLD!' Is sent?

To:	From:	Message no.	of	Total no. of messages.								



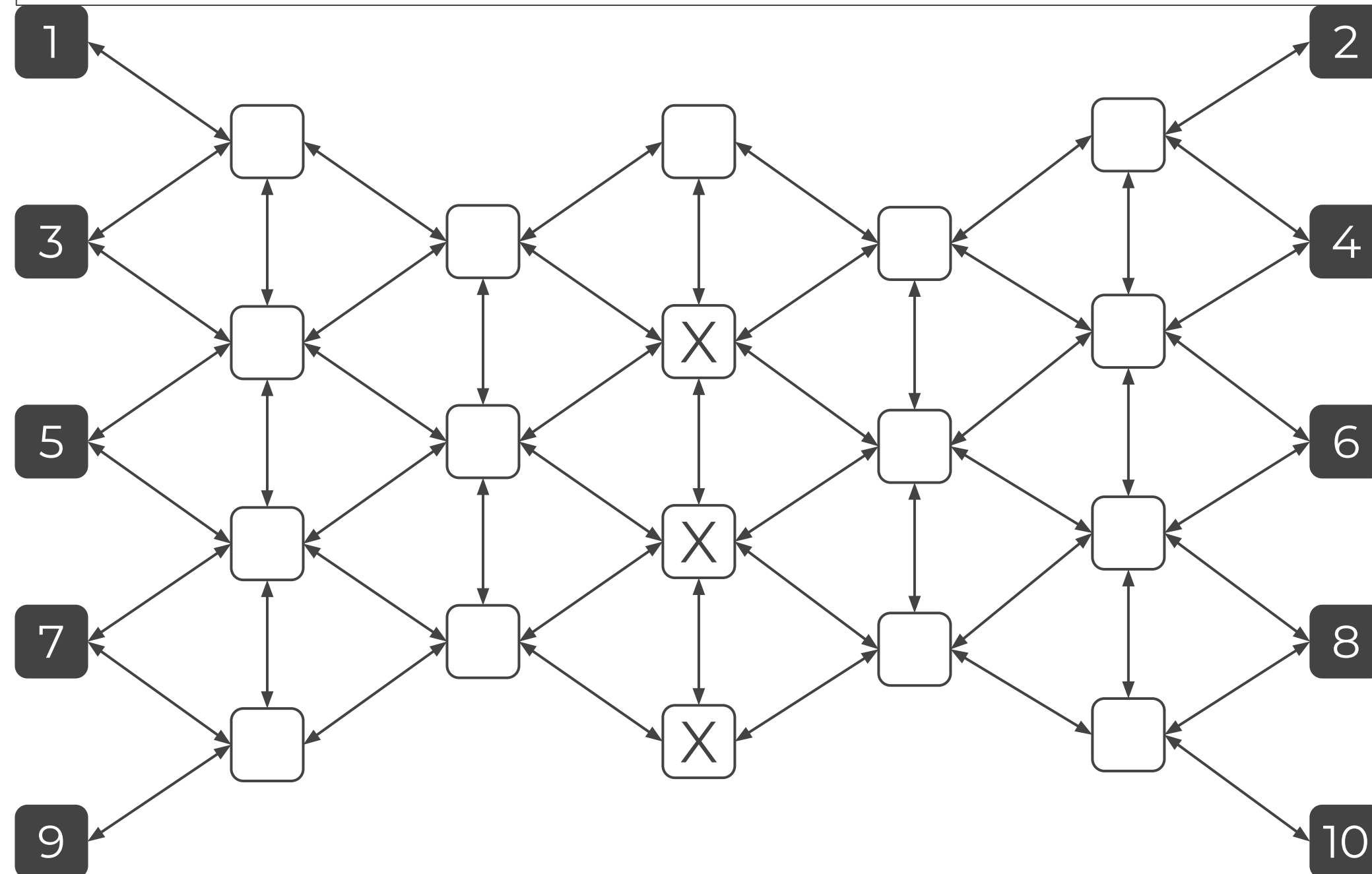
Finding a route



**Which routes could
our message use to
get from 10 to 7?**



What if some routes were blocked?



**Which routes could
our message use to
get from 10 to 7?**



To: 10	From: 8	Message no. 1	of	Total no. of messages. 5	0	0	1	1	1	1	0	0
To: 10	From: 8	Message no. 2	of	Total no. of messages. 5	0	0	1	0	0	1	0	0
To: 10	From: 8	Message no. 3	of	Total no. of messages. 5	0	0	1	1	1	1	0	0
To: 10	From: 8	Message no. 4	of	Total no. of messages. 5	0	0	1	0	0	1	0	0
To: 10	From: 8	Message no. 5	of	Total no. of messages. 5	0	0	1	1	1	1	0	0

