

## Shopping for data

Task: Sally uses a lot of data on her mobile. She is currently with Cellcom and in a long term contract that provides the phone and a monthly 60 minute calls, unlimited texts and 1GB data bundle. Sally actually uses an average of 8GB per month. The extra 7GB of data that she uses is billed at a very high rate (\$5 per 50MB). When she pays her monthly mobile bill, she has the option of purchasing additional data bundles at a reduced rate.

Use the table below, showing the specials on data bundles that are available on monthly top ups, for the three mobile providers, Redfone, Cellcom and 3rdDegree, to work out which provider and which bundle(s) would give her the best deal for an additional 7GB per month.

Provider	Cellcom	Redfone	3rdDegree
512 MB	\$29.90	\$12.50	\$20
2 GB	\$59.90		\$50
4 GB	\$79.90		
10 GB			\$180

In all cases, any unused data at the end of the month is carried over for a maximum 30 days.

Note, we can assume that the calls, texts and data bundles for Redfone and 3rd Degree are similar. If Sally breaks her contract with Cellcom, she will need to purchase a new phone.