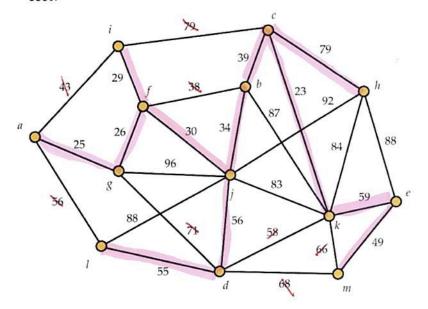
Instructions: Show all work. Answers without work can only be graded all or nothing. Partial credit is available only when work is shown.

Find the minimum cost spanning tree (using Kruskal's Algorithm). What is the minimum cost?



alternative Solution: Choose AL instead & JD. 25+26+29+30+34+

25+26+29+30+37+ 56+55+39+79+ 23+59+49=504

2. Use the mileage table below to find the minimum cost spanning tree.

	Grayson PL	Fries PL	Whitetop PL	Wythe PL	RRF
Gravgon PL	0.0	152	33.1	30.4	29.
Freis PI	152	0.0	48.4	26.9	30
Whitetop PL	23.1	48.4	0.0	54.1	41
Wythe PL	30.4	26.9	54.1	0.0	13
RRPL	28.9	30.2	41.1	13:1	0.

