Do this problem after you have completed Sheet 4.

Two animal food formulas are available for feeding pets.

A 25 g portion of each formula contains the following foods:

Formula A: 8 units fat, 16 units carbohydrate, 12 units protein
Formula B: 4 units fat, 32 units carbohydrate, 8 units protein.

25 g of each formula type costs 50 cents.

The minimum daily requirements for a particular animal group are;

176 units fat, 1024 units carbohydrate, 320 units protein.

How much of each formula type is needed, at minimum cost, to meet these requirements, and what is the cost?

- You should do this problem by both a graphical method and by the dual method.