2. Prize money of £8000 is shared between Bob, Viv and Mary in the ratio 9:5:11. How much do they each receive?

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[3]

4. Jill and Alan invest some money and share any profit made in the ratio of 5:4.

(a) How much does Jill get when they make a profit of £270?

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[2]

(b) On another occasion, Alan received £136. How much profit were they sharing?

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[2]

4. An alloy is made by using copper and zinc in the ratio of 17:3.

(a) How much zinc is used to make 4 kg of the alloy?

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[2]

(b) There is only 1·5 kg of zinc available, but plenty of copper. What is the greatest amount of the alloy that can be made?

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[2]