Ratio and Proportional parts Questions Part 2

1. Land valued at $70,000 is divided among three sons, Al, Bro and Charlie in the ratio 1:2:4 respectively. Calculate the amount each receives.

2. A sum of money is divided among 3 students, Adele, Bertine and Carthy in the ratio 5: 3: 2. If Adele received $800 more than Bertine, calculate how much each student received.

3. Allocate the contents of a container containing 120 stamps amongst Andrew, Marie and Joe in the ratio 2: 3: 5. How many stamps will each get?

4. A piece of cloth 168cm long is divided into three pieces in the ratio 2: 3: 7. Calculate the length of the longest piece.

5. The sum of $9000 is divided among Anita, Silly and Jude. Silly received half, Anita received $2100 and Jude received the remainder.
   Calculate:
   (a) Silly's share
   (b)   Jude's share
   (c) The ratio in which the $9000 was divided among the three persons
   (d)   The percentage of the total that Anita received.

6. A sum of money is to be divided among three friends Alfred, Brown and Carl in the ratio of 2: 3: 5. The largest share amounts to $3000.

Calculate:

(a) The total sum of money to be shared

(b)   Brown's share

(c) The percentage of the total amount that Alfred receives.

7. The sum of money of $1750 is divided among Amy, Cinty and Jim. Cinty received half, Amy received $425 and Jim received the remainder.

Calculate:

(a) Cinty's share

(b)   Jim's share

(c) The ratio in which the $1750 was divided among the three persons.

(d)   The percentage of the total that Amy received.