Sharing Quantities

Share $60 between Ann and John so that Ann's share and John's share are in the ratio 3:2

Ann has 3 portions and John has 2 portions, so there are 5 portions between them.

Ann's share is three fifths of $60

$$\frac{3}{5}\times\frac{60}{1}=\frac{3}{1}\times\frac{12}{1}=\frac{36}{1}=\$36$$

John's share is two fifths of $60

$$\frac{2}{5}\times\frac{60}{1}=\frac{2}{1}\times\frac{12}{1}=\frac{24}{1}=\$24$$

1. Divide $80 into two parts in the ratio 3:2

First Share is $_____

Second Share is $_____

2. Divide 32 cm into two parts in the ratio 3:5

First part is _____ cm

Second part is _____ cm

3. Divide $45 into two shares in the ratio 4:5

First Share is $_____

Second Share is $_____

4. Dick and Tom share the contents of a bag of peanuts between them in the ratio 3:5. If there are 40 peanuts, how many peanuts does each boy get?

Dick receives _____ peanuts

Tom receives _____ peanuts

5. Mary is 10 years old and Eleanor is 15 years old. Divide $75 between them in the ratio of their ages.

Mary receives $_____

Eleanor receives $_____

6. Divide $20 into two parts in the ratio 1:7.

First part is $_____

Second part is $_____

7. In a class of 30 students the ratio of the number of boys to girls is 7:8. How many girls are there?

There are _____ girls

8. In a bowl containing oranges and apples, the ratio of the number of oranges to apples is 4:3. If there are 28 fruit altogether, how many apples are there?

There are _____ apples

LIVEWORKSHEETS