

Finding the Whole Number

Sheet 1

- 1) A number is divided in the ratio 5 : 9. If the first part is 35, find the number.

- 2) A number is divided in the ratio 7 : 2. If the second part is 34, find the number.

- 3) A number is divided in the ratio 3 : 4. If the first part is 24, find the number.

- 4) A number is divided in the ratio 8 : 1. If the second part is 13, find the number.

- 5) Admissions for Mathematics and Physics in a college are in the ratio 2:5. If there are 46 seats for Mathematics, how many seats are available for Mathematics and Physics in total?



Finding the Whole Number

Sheet 1

- 1) A number is divided in the ratio 5 : 9. If the first part is 35, find the number.

98

- 2) A number is divided in the ratio 7 : 2. If the second part is 34, find the number.

153

- 3) A number is divided in the ratio 3 : 4. If the first part is 24, find the number.

56

- 4) A number is divided in the ratio 8 : 1. If the second part is 13, find the number.

117

- 5) Admissions for Mathematics and Physics in a college are in the ratio 2:5. If there are 46 seats for Mathematics, how many seats are available for Mathematics and Physics in total?

161



Finding the Whole Number

Sheet 2

- 1) A number is divided in the ratio 6 : 2. If the second part is 32, find the number.

- 2) A number is divided in the ratio 9 : 4. If the first part is 36, find the number.

- 3) A number is divided in the ratio 5 : 3. If the second part is 24, find the number.

- 4) A number is divided in the ratio 7 : 2. If the first part is 49, find the number.

- 5) Ethanol and water are mixed in the ratio 3 : 2. If the solution has 15 liters of ethanol, what is the total quantity of the alcoholic solution?

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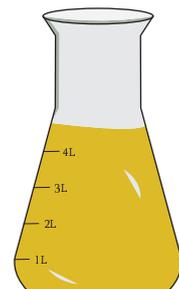
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Finding the Whole Number

Sheet 2

- 1) A number is divided in the ratio 6 : 2. If the second part is 32, find the number.

128

- 2) A number is divided in the ratio 9 : 4. If the first part is 36, find the number.

52

- 3) A number is divided in the ratio 5 : 3. If the second part is 39, find the number.

65

- 4) A number is divided in the ratio 7 : 2. If the first part is 77, find the number.

110

- 5) Ethanol and water are mixed in the ratio 2 : 3. If the solution has 15 liters of ethanol, what is the total quantity of the alcoholic solution?

55 L

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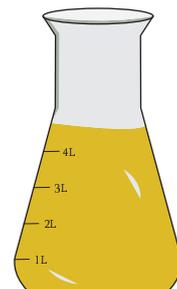
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Finding the Whole Number

Sheet 3

- 1) A number is divided in the ratio 3 : 5. If the first part is 6, find the number.

- 2) A number is divided in the ratio 7 : 4. If the first part is 105, find the number.

- 3) A number is divided in the ratio 2 : 3. If the second part is 15, find the number.

- 4) A number is divided in the ratio 5 : 8. If the first part is 40, find the number.

- 5) A flash drive has a capacity of 16 GB. If the used memory space is 40 GB, what is the total capacity of the flash drive?

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Finding the Whole Number

Sheet 3

- 1) A number is divided in the ratio 3 : 5. If the first part is 6, find the number.

16

- 2) A number is divided in the ratio 7 : 4. If the first part is 105, find the number.

165

- 3) A number is divided in the ratio 5 : 3. If the first part is 159, find the number.

153

- 4) A number is divided in the ratio 8 : 5. If the first part is 180, find the number.

36

- 5) A flash drive has 24 GB of memory space. If the used memory space is 40 GB, what is the total capacity of the flash drive? (The used memory space is in the ratio 5:3.)

64 GB

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