

**Finding Part From Whole**

Sheet 1

- 1) Roy rears Randall and Jersey cattle breeds in the ratio of 6 : 5. If he has a total of 242 cattle on his farm, how many Randall cattle and how many Jersey cattle does he own?

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- 2) Joanna is reading a storybook. The ratio of the number of pages she read to the pages that remain to be read is 7 : 3. If the book contains 500 pages in all, how many pages did Joanna read and how many pages remain to be read?

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- 3) George and Tanya typed in words in the ratio of 1 : 5 in 20 minutes. They typed 864 words altogether. Find the number of words that each of them typed.

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- 4) Mailmen, Carl and Wilbur deliver mails in the ratio of 3 : 8 in the month of April. If 1012 mails were delivered in all between them, how many mails did each of them deliver?

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- 5) A wire that is 117 inches long is cut in two in the ratio 8 : 1. Find the length of each piece of wire.

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**Answer key****Finding Part From Whole**

Sheet 1

- 1) Roy rears Randall and Jersey cattle breeds in the ratio of 6 : 5. If he has a total of 242 cattle on his farm, how many Randall cattle and how many Jersey cattle does he own?

**132 Randall cattle and 110 Jersey cattle**

- 2) Joanna is reading a storybook. The ratio of the number of pages she read to the pages that remain to be read is 7 : 3. If the book contains 500 pages in all, how many pages did Joanna read and how many pages remain to be read?

**She read 350 pages and 150 pages remain to be read**

- 3) George and Tanya typed in words in the ratio of 1 : 5 in 20 minutes. They typed 864 words altogether. Find the number of words that each of them typed.

**George typed 144 words and Tanya typed 720 words**

- 4) Mailmen, Carl and Wilbur deliver mails in the ratio of 3 : 8 in the month of April. If 1012 mails were delivered in all between them, how many mails did each of them deliver?

**Carl delivered 276 mails and Wilbur delivered 736 mails**

- 5) A wire that is 117 inches long is cut in two in the ratio 8 : 1. Find the length of each piece of wire.

**One wire measures 104 inches and the other 13 inches**