

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?

- 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?

- 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.

- 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?

- 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.

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