

Ratio and Proportion

Name: _____ Class: _____

- (1) The following table shows the number of boys and girls in different groups at school. Knowing that the numbers are in proportion, complete the table.



| | | | | | | | |
|-----------------|----|---|----|----|----|----|---|
| Number of boys | 15 | | 20 | 55 | | 35 | |
| Number of girls | | 8 | | 44 | 20 | | 4 |

- (2) The following table shows the eggs and flower needed to bake a chocolate cake. Knowing that the ingredients are in proportion, complete the table.



| | | | | | | | |
|----------------|-----|---|---|----|---|----|-----|
| Number of eggs | 3 | 9 | | 33 | | 39 | |
| Flour (kg) | 0.5 | | 1 | | 2 | | 2.5 |

- (3) The following table shows the kilometers you ran last months. Knowing that you always run in the same pace (proportion), complete the table.



| | | | | | | | |
|----------------|---|----|----|----|----|---|------|
| Kilometers | 7 | 6 | | 15 | | 3 | |
| Time (minutes) | | 39 | 65 | | 26 | | 71.5 |

Answers

| | | | | | | | |
|-----------------|----|----|----|----|----|----|---|
| Number of boys | 15 | 10 | 20 | 55 | 25 | 35 | 5 |
| Number of girls | 12 | 8 | 16 | 44 | 20 | 28 | 4 |

| | | | | | | | |
|----------------|-----|-----|---|-----|----|-----|-----|
| Number of eggs | 3 | 9 | 6 | 33 | 12 | 39 | 15 |
| Flower (kg) | 0.5 | 1.5 | 1 | 5.5 | 2 | 6.5 | 2.5 |

| | | | | | | | |
|----------------|------|----|----|------|----|------|------|
| Kilometers | 7 | 6 | 10 | 15 | 4 | 3 | 11 |
| Time (minutes) | 45.5 | 39 | 65 | 97.5 | 26 | 19.5 | 71.5 |