Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Proportional Reasoning: Word Problems

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| Questions | Workspace |
| 1) The ratio of boys to girls in a 7th grade classroom is 3 : 4. If the number of boys is 15, what is the number of girls?  Answer: |  |
| 2) In a basket, there are 60 good oranges and the rest are bad oranges. The ratio of good oranges to bad oranges is 4 : 1, what is the number of bad oranges?  Answer: |  |
| 3) In a play school area, there are 20 red balls and the rest are white balls. The ratio of white balls to red balls is 3 : 5, what is the number of white balls?  Answer: |  |
| 4) The distance travelled by Ben and Tim is in the ratio  5 : 6. The distance travelled by Ben is 30 miles, what is the distance for Tim?  Answer: |  |
| 5) The ratio of fiction books to nonfiction books in the classroom is 10 : 3. If there are 27 nonfiction books in the classroom, what is the number of fiction books?  Answer: |  |