

**Solve each problem.****Answers**

- 1) During Christmas a book store sold 35 books. If the ratio of books to bookmarks sold was 7 : 6, how many bookmarks did the store sell?
- 2) A fast food restaurant sold 24 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 8 : 7, how many burgers did they sell total?
- 3) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 55 fries total. If 15 of the fries sold were small, what is the ratio of large fries sold to small fries sold?
- 4) A recipe called for the ratio of sugar to flour to be 5 : 4. If you used 15 ounce of sugar, how many ounces of flour would you need to use?
- 5) A restaurant offers diet soda and regular soda. In one day they sold 15 diet sodas. If the ratio of diet sodas sold to regular sodas sold was 3 : 2, how many sodas were sold total?
- 6) A chess player played 20 games total. If he won 6 of the games, what is the ratio of games he lost to games he won?
- 7) At a restaurant the ratio of kids meals sold to adult meals sold was 7 : 2. If there were 42 kids meals sold, how many adult meals were sold?
- 8) While completing a race, Kaleb spent 40 minutes walking. If his ratio of time walking to jogging was 10 : 3, how many minutes did he spend completing the race?
- 9) During a period of 117 minutes, a music station played 36 minutes of commercials. What is the ratio of music they played to commercials they played?
- 10) A classroom had 72 glue sticks. If the ratio of glue sticks to glue bottles was 8 : 5, how many glue bottles did the classroom have?

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10. _____



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| 1) During Christmas a book store sold 35 books. If the ratio of books to bookmarks sold was 7 : 6, how many bookmarks did the store sell? | 1. <u>30</u> |
| 2) A fast food restaurant sold 24 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 8 : 7, how many burgers did they sell total? | 2. <u>45</u> |
| 3) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 55 fries total. If 15 of the fries sold were small, what is the ratio of large fries sold to small fries sold? | 3. <u>8 : 3</u> |
| 4) A recipe called for the ratio of sugar to flour to be 5 : 4. If you used 15 ounce of sugar, how many ounces of flour would you need to use? | 4. <u>12</u> |
| 5) A restaurant offers diet soda and regular soda. In one day they sold 15 diet sodas. If the ratio of diet sodas sold to regular sodas sold was 3 : 2, how many sodas were sold total? | 5. <u>25</u> |
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