

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

- 1) A vendor sold 35 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 7 : 5, how many hamburgers did the vendor sell?
- 2) A parking lot has 45 empty space. If the ratio of empty spaces to taken spaces is 9 : 7, how many spaces are there total?
- 3) A restaurant offers diet soda and regular soda. In one day they sold 72 sodas. If 27 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?
- 4) In one day a movie store rented out 81 comedies. If the ratio of comedies rented to action movies rented was 9 : 4, how many action movies were rented?
- 5) At a book fair there were 10 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was 5 : 1, how many books were sold total?
- 6) A video game had 33 levels in it. If you beat 3 of the levels, what is the ratio of levels left to the levels that have been beaten?
- 7) During a race Gwen jogged for 40 minutes. If the ratio of time she jogged to time she walked was 8 : 1, how many minutes did Gwen walk?
- 8) At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 1. If there were 36 kids meals sold, what is the combined amount of kids and adult meals sold?
- 9) At a bake sale there were 28 items sold total. If 4 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?
- 10) A video uploaded had 60 'up votes'. If the ratio of 'up votes' to 'down votes' was 10 : 3, how many 'down votes' did the video get?

1. _____
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5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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- | | |
|---|------------------|
| 1) A vendor sold 35 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 7 : 5, how many hamburgers did the vendor sell? | 1. 25 |
| 2) A parking lot has 45 empty space. If the ratio of empty spaces to taken spaces is 9 : 7, how many spaces are there total? | 2. 80 |
| 3) A restaurant offers diet soda and regular soda. In one day they sold 72 sodas. If 27 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold? | 3. 5 : 3 |
| 4) In one day a movie store rented out 81 comedies. If the ratio of comedies rented to action movies rented was 9 : 4, how many action movies were rented? | 4. 36 |
| 5) At a book fair there were 10 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was 5 : 1, how many books were sold total? | 5. 12 |
| 6) A video game had 33 levels in it. If you beat 3 of the levels, what is the ratio of levels left to the levels that have been beaten? | 6. 10 : 1 |
| 7) During a race Gwen jogged for 40 minutes. If the ratio of time she jogged to time she walked was 8 : 1, how many minutes did Gwen walk? | 7. 5 |
| 8) At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 1. If there were 36 kids meals sold, what is the combined amount of kids and adult meals sold? | 8. 40 |
| 9) At a bake sale there were 28 items sold total. If 4 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold? | 9. 6 : 1 |
| 10) A video uploaded had 60 'up votes'. If the ratio of 'up votes' to 'down votes' was 10 : 3, how many 'down votes' did the video get? | 10. 18 |



Solve each problem.

Answers

40

36

5 : 3

12

10 : 1

5

80

6 : 1

25

18

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1. _____
2. _____
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4. _____
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6. _____
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9. _____
10. _____