Name:

Solve each problem.

1) A classroom had 54 glue sticks. If the ratio of glue sticks to glue bottles was 9 : 5, how many glue bottles did the classroom have?

2) Henry had beaten 42 levels in a video game. If the ratio of levels he had beaten to not beaten was 6 : 1, how many levels does the game have total?

3) A restaurant offers diet soda and regular soda. In one day they sold 65 sodas. If 20 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?

4) The ratio of shoes sold to sandals sold was 4 : 1. If there were 8 shoes sold, how many sandals were sold?

5) A fast food restaurant sold 64 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 8 : 3, how many burgers did they sell total?

6) A box of candy has 66 pieces total. If 6 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?

7) During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 9 : 2, how many bookmarks did the store sell?

8) A chess player won 14 of the games he played. If his ratio of wins to loses was 7 : 2, how many games did he play total?

9) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 28 fries total. If 12 of the fries sold were small, what is the ratio of large fries sold to small fries sold?

10) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 3. If there were 80 kids meals sold, how many adult meals were sold?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Name:

Solve each problem.

Answers

1) A classroom had 54 glue sticks. If the ratio of glue sticks to glue bottles was 9 : 5, how many glue bottles did the classroom have?

1. ___**30**___

2. ___**49**___

2) Henry had beaten 42 levels in a video game. If the ratio of levels he had beaten to not beaten was 6 : 1, how many levels does the game have total?

3. ___**9 : 4**___

4. ___**2**___

3) A restaurant offers diet soda and regular soda. In one day they sold 65 sodas. If 20 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?

5. ___**88**___

6. ___**10 : 1**___

4) The ratio of shoes sold to sandals sold was 4 : 1. If there were 8 shoes sold, how many sandals were sold?

7. ___**12**___

8. ___**18**___

5) A fast food restaurant sold 64 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 8 : 3, how many burgers did they sell total?

9. ___**4 : 3**___

10. ___**24**___

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1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

Math

Understanding Ratios

Name:

Solve each problem.

4 : 3	30	2	18	10 : 1
88	12	49	9 : 4	24

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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Math

Modified
www.CommonCoreSheets.com

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0