Name: _____

Solve each problem.

1) A recipe called for the ratio of sugar to flour to be 4 : 1. If you used 28 ounce of sugar, how many ounces of flour would you need to use?

1. _____

2. _____

2) At a bake sale there were 48 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?

3. _____

4. _____

3) For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

5. _____

6. _____

4) In one day a movie store rented out 6 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?

7. _____

8. _____

5) A student finished 18 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 6 : 1, how many homework problems did she have total?

9. _____

10. _____

6) A produce store offers red and green apples. In one morning they sold 48 apples total. If 20 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?

7) The ratio of shoes sold to sandals sold was 10 : 7. If there were 40 shoes sold, how many sandals were sold?

8) A chess player won 32 of the games he played. If his ratio of wins to loses was 8 : 3, how many games did he play total?

9) A parking lot has 65 spaces total. If 30 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

10) The ratio of red cars to blue cars in a parking lot was 4 : 3. If there were 20 red cars, how many blue cars were there?

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

Name:

Solve each problem.

Answers

1) A recipe called for the ratio of sugar to flour to be 4 : 1. If you used 28 ounce of sugar, how many ounces of flour would you need to use?

2) At a bake sale there were 48 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?

3) For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

4) In one day a movie store rented out 6 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?

5) A student finished 18 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 6 : 1, how many homework problems did she have total?

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8) A chess player won 32 of the games he played. If his ratio of wins to loses was 8 : 3, how many games did he play total?

9) A parking lot has 65 spaces total. If 30 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

10) The ratio of red cars to blue cars in a parking lot was 4 : 3. If there were 20 red cars, how many blue cars were there?

1.	**7**
2.	**78**
3.	**5 : 3**
4.	**2**
5.	**21**
6.	**7 : 5**
7.	**28**
8.	**44**
9.	**7 : 6**
10.	**15**

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

Solve each problem.

78	7	2	44	7 : 5
5 : 3	15	7 : 6	28	21

1) A recipe called for the ratio of sugar to flour to be 4 : 1. If you used 28 ounce of sugar, how many ounces of flour would you need to use?

2) At a bake sale there were 48 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?

3) For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

4) In one day a movie store rented out 6 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?

5) A student finished 18 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 6 : 1, how many homework problems did she have total?

6) A produce store offers red and green apples. In one morning they sold 48 apples total. If 20 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?

7) The ratio of shoes sold to sandals sold was 10 : 7. If there were 40 shoes sold, how many sandals were sold?

8) A chess player won 32 of the games he played. If his ratio of wins to loses was 8 : 3, how many games did he play total?

9) A parking lot has 65 spaces total. If 30 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

10) The ratio of red cars to blue cars in a parking lot was 4 : 3. If there were 20 red cars, how many blue cars were there?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Solve each problem.

1) At a farm the ratio of cows to horses was 10 : 3. If there were 60 cows at the farm, how
    many horses were there?

1. _____

2. _____

2) A chess player won 63 of the games he played. If his ratio of wins to loses was 9 : 2, how
    many games did he play total?

3. _____

4. _____

3) During a class election 28 people voted for candidate A. If there were 64 votes total, what
    is the ratio of votes for candidate B compared to candidate A?

5. _____

6. _____

4) During the lunch break a deli sold 21 large sodas. If the ratio of large sodas sold to small
    sodas sold was 7 : 6, how many small sodas were sold?

7. _____

8. _____

5) At a bake sale there were 10 raisin cookies sold. If the ratio of raisin cookies sold to
    oatmeal cookies sold was 5 : 4, what is the combined amount of raisin and oatmeal cookies
    sold?

9. _____

10. _____

6) A small school has 44 students. If 16 of the students are boys, what is the ratio of girls to
    boys?

7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar
    dressing used is 5 : 3. If the buffet uses 45 cases of ranch dressing, how many cases of
    caesar do they use?

8) A farm had 81 cows. If the ratio of cows to horses was 9 : 8, what is the combined amount
    of cows and horses?

9) John had 65 songs on his MP3 player. If he deleted 20 songs, what is the ratio of songs he
    kept to songs he deleted?

10) During Christmas a book store sold 32 books. If the ratio of books to bookmarks sold was
    4 : 1, how many bookmarks did the store sell?

Name:

Solve each problem.

	Answers

1) At a farm the ratio of cows to horses was 10 : 3. If there were 60 cows at the farm, how many horses were there?

2) A chess player won 63 of the games he played. If his ratio of wins to loses was 9 : 2, how many games did he play total?

3) During a class election 28 people voted for candidate A. If there were 64 votes total, what is the ratio of votes for candidate B compared to candidate A?

4) During the lunch break a deli sold 21 large sodas. If the ratio of large sodas sold to small sodas sold was 7 : 6, how many small sodas were sold?

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6) A small school has 44 students. If 16 of the students are boys, what is the ratio of girls to boys?

7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 3. If the buffet uses 45 cases of ranch dressing, how many cases of caesar do they use?

8) A farm had 81 cows. If the ratio of cows to horses was 9 : 8, what is the combined amount of cows and horses?

9) John had 65 songs on his MP3 player. If he deleted 20 songs, what is the ratio of songs he kept to songs he deleted?

10) During Christmas a book store sold 32 books. If the ratio of books to bookmarks sold was 4 : 1, how many bookmarks did the store sell?

Answers

1. **18**

2. **77**

3. **9 : 7**

4. **18**

5. **18**

6. **7 : 4**

7. **27**

8. **153**

9. **9 : 4**

10. **8**

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

Solve each problem.

7 : 4	9 : 7	18	8	9 : 4
18	153	27	18	77

1. _____

1) At a farm the ratio of cows to horses was 10 : 3. If there were 60 cows at the farm, how many horses were there?

2. _____

3. _____

2) A chess player won 63 of the games he played. If his ratio of wins to loses was 9 : 2, how many games did he play total?

4. _____

5. _____

3) During a class election 28 people voted for candidate A. If there were 64 votes total, what is the ratio of votes for candidate B compared to candidate A?

6. _____

7. _____

4) During the lunch break a deli sold 21 large sodas. If the ratio of large sodas sold to small sodas sold was 7 : 6, how many small sodas were sold?

8. _____

9. _____

5) At a bake sale there were 10 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 5 : 4, what is the combined amount of raisin and oatmeal cookies sold?

10. _____

6) A small school has 44 students. If 16 of the students are boys, what is the ratio of girls to boys?

7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 3. If the buffet uses 45 cases of ranch dressing, how many cases of caesar do they use?

8) A farm had 81 cows. If the ratio of cows to horses was 9 : 8, what is the combined amount of cows and horses?

9) John had 65 songs on his MP3 player. If he deleted 20 songs, what is the ratio of songs he kept to songs he deleted?

10) During Christmas a book store sold 32 books. If the ratio of books to bookmarks sold was 4 : 1, how many bookmarks did the store sell?

Name: _____

Solve each problem.

1) During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?

2) A small school has 14 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?

3) A video game had 91 levels in it. If you beat 28 of the levels, what is the ratio of levels left to the levels that have been beaten?

4) In one day a movie store rented out 45 comedies. If the ratio of comedies rented to action movies rented was 9 : 2, how many action movies were rented?

5) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?

6) At a carnival Kaleb bought 22 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

7) At the carnival, the ratio of people who won the ring toss game to lost it was 5 : 3. If 20 people won, how many people would have lost?

8) Edward was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 7 : 2, if he won 42 games, how many games did they play total?

9) For homework, a student had to complete 28 problems total. If she finished 7 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 30 sugar cones sold, how many waffles cones would be sold?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?

2) A small school has 14 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?

3) A video game had 91 levels in it. If you beat 28 of the levels, what is the ratio of levels left to the levels that have been beaten?

4) In one day a movie store rented out 45 comedies. If the ratio of comedies rented to action movies rented was 9 : 2, how many action movies were rented?

5) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?

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9) For homework, a student had to complete 28 problems total. If she finished 7 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 30 sugar cones sold, how many waffles cones would be sold?

1. _____**9**_____

2. _____**24**_____

3. _____**9 : 4**_____

4. _____**10**_____

5. _____**10**_____

6. _____**8 : 3**_____

7. _____**12**_____

8. _____**54**_____

9. _____**3 : 1**_____

10. _____**25**_____

Solve each problem.

3 : 1	25	10	12	8 : 3
9	10	54	24	9 : 4

1. _____

1) During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?

2. _____

3. _____

2) A small school has 14 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?

4. _____

5. _____

3) A video game had 91 levels in it. If you beat 28 of the levels, what is the ratio of levels left to the levels that have been beaten?

6. _____

7. _____

4) In one day a movie store rented out 45 comedies. If the ratio of comedies rented to action movies rented was 9 : 2, how many action movies were rented?

8. _____

9. _____

5) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?

10. _____

6) At a carnival Kaleb bought 22 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

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8) Edward was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 7 : 2, if he won 42 games, how many games did they play total?

9) For homework, a student had to complete 28 problems total. If she finished 7 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 30 sugar cones sold, how many waffles cones would be sold?

Name:

Solve each problem.

1) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 3 : 1, how many small sodas were sold?

1. _____

2. _____

2) A cafeteria sold 72 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 9 : 7, what is the combined amount of chocolate and regular milk sold?

3. _____

4. _____

3) A chess player played 99 games total. If he won 36 of the games, what is the ratio of games he lost to games he won?

5. _____

6. _____

4) At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 5. If 28 people won, how many people would have lost?

7. _____

8. _____

5) At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookies sold?

9. _____

10. _____

6) For homework, a student had to complete 32 problems total. If she finished 12 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

7) At a pet store the ratio of cats to dogs sold was 7 : 6. If there were 21 cats that were sold, how many dogs were sold?

8) A fast food restaurant sold 20 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 4, how many burgers did they sell total?

9) At a carnival Ned bought 30 tickets. If he used 3 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 56 cases of ranch dressing, how many cases of caesar do they use?

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

Name:

Solve each problem.

Answers

1) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 3 : 1, how many small sodas were sold?

1. __**4**__

2. __**128**__

2) A cafeteria sold 72 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 9 : 7, what is the combined amount of chocolate and regular milk sold?

3. __**7 : 4**__

4. __**20**__

3) A chess player played 99 games total. If he won 36 of the games, what is the ratio of games he lost to games he won?

5. __**102**__

6. __**5 : 3**__

4) At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 5. If 28 people won, how many people would have lost?

7. __**18**__

8. __**36**__

5) At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookies sold?

9. __**9 : 1**__

10. __**21**__

6) For homework, a student had to complete 32 problems total. If she finished 12 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

7) At a pet store the ratio of cats to dogs sold was 7 : 6. If there were 21 cats that were sold, how many dogs were sold?

8) A fast food restaurant sold 20 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 4, how many burgers did they sell total?

9) At a carnival Ned bought 30 tickets. If he used 3 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 56 cases of ranch dressing, how many cases of caesar do they use?

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

Name:

Solve each problem.

20	102	36	18	128
5 : 3	21	4	9 : 1	7 : 4

1) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 3 : 1, how many small sodas were sold?

2) A cafeteria sold 72 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 9 : 7, what is the combined amount of chocolate and regular milk sold?

3) A chess player played 99 games total. If he won 36 of the games, what is the ratio of games he lost to games he won?

4) At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 5. If 28 people won, how many people would have lost?

5) At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookies sold?

6) For homework, a student had to complete 32 problems total. If she finished 12 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

7) At a pet store the ratio of cats to dogs sold was 7 : 6. If there were 21 cats that were sold, how many dogs were sold?

8) A fast food restaurant sold 20 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 4, how many burgers did they sell total?

9) At a carnival Ned bought 30 tickets. If he used 3 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 56 cases of ranch dressing, how many cases of caesar do they use?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Solve each problem.

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 9 : 1. If there were 72 bars of white chocolate sold, how many bars of dark chocolate were sold?

1. _____

2. _____

2) A cafeteria sold 48 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 6 : 5, what is the combined amount of chocolate and regular milk sold?

3. _____

4. _____

3) For an art show, an artist painted 48 pictures. During the show he sold 18 of his pictures. What is the ratio of pictures he still has to pictures he sold?

5. _____

6. _____

4) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8 : 3, how many action movies were rented?

7. _____

8. _____

5) A teacher had 42 red pens. If the ratio of red pens to blue pens she owned was 7 : 1, how many pens did she have total?

9. _____

10. _____

6) At a bake sale there were 52 items sold total. If 16 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

7) Frank was playing checkers with a friend. The ratio of games Frank won was 3 : 1. If Frank won 24 games, how many games did his friend win?

8) During a class election the ratio of students who voted for candidate A compared to candidate B was 9 : 7. If candidate A received 63 votes, what is the combined amount of votes candidate A and candidate B received?

9) At a carnival John bought 45 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 4. If the buffet uses 15 cases of ranch dressing, how many cases of caesar do they use?

Name:

Solve each problem.

Answers

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 9 : 1. If there were 72 bars of white chocolate sold, how many bars of dark chocolate were sold?

1. ____**8**____

2. ____**88**____

2) A cafeteria sold 48 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 6 : 5, what is the combined amount of chocolate and regular milk sold?

3. ____**5 : 3**____

4. ____**12**____

3) For an art show, an artist painted 48 pictures. During the show he sold 18 of his pictures. What is the ratio of pictures he still has to pictures he sold?

5. ____**48**____

6. ____**9 : 4**____

4) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8 : 3, how many action movies were rented?

7. ____**8**____

8. ____**112**____

5) A teacher had 42 red pens. If the ratio of red pens to blue pens she owned was 7 : 1, how many pens did she have total?

9. ____**4 : 1**____

10. ____**12**____

6) At a bake sale there were 52 items sold total. If 16 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

7) Frank was playing checkers with a friend. The ratio of games Frank won was 3 : 1. If Frank won 24 games, how many games did his friend win?

8) During a class election the ratio of students who voted for candidate A compared to candidate B was 9 : 7. If candidate A received 63 votes, what is the combined amount of votes candidate A and candidate B received?

9) At a carnival John bought 45 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 4. If the buffet uses 15 cases of ranch dressing, how many cases of caesar do they use?

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

Name:

Solve each problem.

112	88	4 : 1	9 : 4	12
8	48	8	5 : 3	12

1. _____

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 9 : 1. If there were 72 bars of white chocolate sold, how many bars of dark chocolate were sold?

2. _____

3. _____

2) A cafeteria sold 48 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 6 : 5, what is the combined amount of chocolate and regular milk sold?

4. _____

5. _____

3) For an art show, an artist painted 48 pictures. During the show he sold 18 of his pictures. What is the ratio of pictures he still has to pictures he sold?

6. _____

7. _____

4) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8 : 3, how many action movies were rented?

8. _____

9. _____

5) A teacher had 42 red pens. If the ratio of red pens to blue pens she owned was 7 : 1, how many pens did she have total?

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6) At a bake sale there were 52 items sold total. If 16 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

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9) At a carnival John bought 45 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 4. If the buffet uses 15 cases of ranch dressing, how many cases of caesar do they use?

Name: _____

Solve each problem.

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 10 : 1. If there were 70 bars of white chocolate sold, how many bars of dark chocolate were sold?

1. _____

2. _____

2) A parking lot has 12 empty space. If the ratio of empty spaces to taken spaces is 4 : 3, how many spaces are there total?

3. _____

4. _____

3) A chess player played 91 games total. If he won 42 of the games, what is the ratio of games he lost to games he won?

5. _____

6. _____

4) A vendor sold 27 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 3 : 2, how many hamburgers did the vendor sell?

7. _____

8. _____

5) A student finished 15 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 5 : 3, how many homework problems did she have total?

9. _____

10. _____

6) At a bake sale there were 117 items sold total. If 45 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

7) At summer camp the ratio of boys to girls was 9 : 8. If there were 36 boys, how many girls were there?

8) A small school has 35 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?

9) For homework, a student had to complete 117 problems total. If she finished 36 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) During a race Gwen jogged for 18 minutes. If the ratio of time she jogged to time she walked was 3 : 1, how many minutes did Gwen walk?

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

Name:

Solve each problem.

Answers

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 10 : 1. If there were 70 bars of white chocolate sold, how many bars of dark chocolate were sold?

2) A parking lot has 12 empty space. If the ratio of empty spaces to taken spaces is 4 : 3, how many spaces are there total?

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5) A student finished 15 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 5 : 3, how many homework problems did she have total?

6) At a bake sale there were 117 items sold total. If 45 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

7) At summer camp the ratio of boys to girls was 9 : 8. If there were 36 boys, how many girls were there?

8) A small school has 35 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?

9) For homework, a student had to complete 117 problems total. If she finished 36 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) During a race Gwen jogged for 18 minutes. If the ratio of time she jogged to time she walked was 3 : 1, how many minutes did Gwen walk?

	Answers
1.	**7**
2.	**21**
3.	**7 : 6**
4.	**18**
5.	**24**
6.	**8 : 5**
7.	**32**
8.	**60**
9.	**9 : 4**
10.	**6**

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

Name: _____

Solve each problem.

6	60	32	9 : 4	7 : 6
18	21	24	7	8 : 5

1. _____

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 10 : 1. If there were 70 bars of white chocolate sold, how many bars of dark chocolate were sold?

2. _____

3. _____

2) A parking lot has 12 empty space. If the ratio of empty spaces to taken spaces is 4 : 3, how many spaces are there total?

4. _____

5. _____

3) A chess player played 91 games total. If he won 42 of the games, what is the ratio of games he lost to games he won?

6. _____

7. _____

4) A vendor sold 27 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 3 : 2, how many hamburgers did the vendor sell?

8. _____

9. _____

5) A student finished 15 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 5 : 3, how many homework problems did she have total?

10. _____

6) At a bake sale there were 117 items sold total. If 45 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

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9) For homework, a student had to complete 117 problems total. If she finished 36 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) During a race Gwen jogged for 18 minutes. If the ratio of time she jogged to time she walked was 3 : 1, how many minutes did Gwen walk?

Solve each problem.

1) The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 63 red cars, how many blue cars were there?

1. _____

2. _____

2) A small school has 30 boys. If the ratio of boys to girls is 6 : 5, how many, students are there total?

3. _____

4. _____

3) Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted?

5. _____

6. _____

4) A recipe called for the ratio of sugar to flour to be 5 : 2. If you used 20 ounce of sugar, how many ounces of flour would you need to use?

7. _____

8. _____

5) A produce store sold 30 red apples. If the ratio of red apples to green apples sold was 5 : 1, what is the combined amount of red and green apples sold?

9. _____

10. _____

6) A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?

7) At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 2. If 42 people won, how many people would have lost?

8) A parking lot has 16 empty space. If the ratio of empty spaces to taken spaces is 8 : 1, how many spaces are there total?

9) During a class election 35 people voted for candidate A. If there were 98 votes total, what is the ratio of votes for candidate B compared to candidate A?

10) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 4 : 3, how many small sodas were sold?

Name:

Solve each problem.

Answers

1) The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 63 red cars, how many blue cars were there?

1. **27**

2. **55**

2) A small school has 30 boys. If the ratio of boys to girls is 6 : 5, how many, students are there total?

3. **8 : 3**

4. **8**

3) Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted?

5. **36**

6. **10 : 3**

4) A recipe called for the ratio of sugar to flour to be 5 : 2. If you used 20 ounce of sugar, how many ounces of flour would you need to use?

7. **12**

8. **18**

5) A produce store sold 30 red apples. If the ratio of red apples to green apples sold was 5 : 1, what is the combined amount of red and green apples sold?

9. **9 : 5**

10. **9**

6) A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?

7) At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 2. If 42 people won, how many people would have lost?

8) A parking lot has 16 empty space. If the ratio of empty spaces to taken spaces is 8 : 1, how many spaces are there total?

9) During a class election 35 people voted for candidate A. If there were 98 votes total, what is the ratio of votes for candidate B compared to candidate A?

10) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 4 : 3, how many small sodas were sold?

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

Name:

Solve each problem.

8	12	55	8 : 3	18
9	10 : 3	36	9 : 5	27

1. _____

1) The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 63 red cars, how many blue cars were there?

2. _____

3. _____

2) A small school has 30 boys. If the ratio of boys to girls is 6 : 5, how many, students are there total?

4. _____

5. _____

3) Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted?

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5) A produce store sold 30 red apples. If the ratio of red apples to green apples sold was 5 : 1, what is the combined amount of red and green apples sold?

10. _____

6) A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?

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10) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 4 : 3, how many small sodas were sold?

Solve each problem.

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 5 : 2. If there were 10 bars of white chocolate sold, how many bars of dark chocolate were sold?

1. _____

2. _____

2) At a restaurant the ratio of kids meals sold to adult meals sold was 4 : 1. If there were 32 kids meals sold, what is the combined amount of kids and adult meals sold?

3. _____

4. _____

3) A parking lot has 18 spaces total. If 8 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

5. _____

6. _____

4) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 40 kids meals sold, how many adult meals were sold?

7. _____

8. _____

5) A pet store sold 81 siamese cats. If the ratio of siamese cats to house cats sold was 9 : 4, what is the combined amount of cats sold?

9. _____

10. _____

6) For an art show, an artist painted 55 pictures. During the show he sold 20 of his pictures. What is the ratio of pictures he still has to pictures he sold?

7) The ratio of red cars to blue cars in a parking lot was 7 : 2. If there were 21 red cars, how many blue cars were there?

8) A farm had 50 cows. If the ratio of cows to horses was 10 : 3, what is the combined amount of cows and horses?

9) A small school has 40 students. If 16 of the students are boys, what is the ratio of girls to boys?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 7 : 6. If the buffet uses 28 cases of ranch dressing, how many cases of caesar do they use?

Name:

Solve each problem.

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 5 : 2. If there were 10 bars of white chocolate sold, how many bars of dark chocolate were sold?

2) At a restaurant the ratio of kids meals sold to adult meals sold was 4 : 1. If there were 32 kids meals sold, what is the combined amount of kids and adult meals sold?

3) A parking lot has 18 spaces total. If 8 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

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10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 7 : 6. If the buffet uses 28 cases of ranch dressing, how many cases of caesar do they use?

#	Answer
1.	**4**
2.	**40**
3.	**5 : 4**
4.	**28**
5.	**117**
6.	**7 : 4**
7.	**6**
8.	**65**
9.	**3 : 2**
10.	**24**

Solve each problem.

5 : 4	6	7 : 4	28	3 : 2
40	24	117	4	65

1. _____

1) The ratio of white chocolate to dark chocolate sold at a candy shop was 5 : 2. If there were 10 bars of white chocolate sold, how many bars of dark chocolate were sold?

2. _____

3. _____

2) At a restaurant the ratio of kids meals sold to adult meals sold was 4 : 1. If there were 32 kids meals sold, what is the combined amount of kids and adult meals sold?

4. _____

5. _____

3) A parking lot has 18 spaces total. If 8 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

6. _____

7. _____

4) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 40 kids meals sold, how many adult meals were sold?

8. _____

9. _____

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8) A farm had 50 cows. If the ratio of cows to horses was 10 : 3, what is the combined amount of cows and horses?

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10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 7 : 6. If the buffet uses 28 cases of ranch dressing, how many cases of caesar do they use?

Solve each problem.

1) During a class election 16 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 4 : 1, how many votes did candidate B receive?

2) While completing a race, Luke spent 42 minutes walking. If his ratio of time walking to jogging was 6 : 5, how many minutes did he spend completing the race?

3) For an art show, an artist painted 75 pictures. During the show he sold 35 of his pictures. What is the ratio of pictures he still has to pictures he sold?

4) The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 28 red cars, how many blue cars were there?

5) George deleted 45 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 5 : 4, how many songs did he originally have on his MP3 player?

6) A parking lot has 66 spaces total. If 12 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

7) Oliver was playing checkers with a friend. The ratio of games Oliver won was 9 : 1. If Oliver won 72 games, how many games did his friend win?

8) A farm had 6 cows. If the ratio of cows to horses was 3 : 1, what is the combined amount of cows and horses?

9) Frank had 39 songs on his MP3 player. If he deleted 15 songs, what is the ratio of songs he kept to songs he deleted?

10) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 30 kids meals sold, how many adult meals were sold?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) During a class election 16 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 4 : 1, how many votes did candidate B receive?

2) While completing a race, Luke spent 42 minutes walking. If his ratio of time walking to jogging was 6 : 5, how many minutes did he spend completing the race?

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9) Frank had 39 songs on his MP3 player. If he deleted 15 songs, what is the ratio of songs he kept to songs he deleted?

10) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 30 kids meals sold, how many adult meals were sold?

	Answers
1.	**4**
2.	**77**
3.	**8 : 7**
4.	**12**
5.	**81**
6.	**9 : 2**
7.	**8**
8.	**8**
9.	**8 : 5**
10.	**21**

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

Solve each problem.

8	8 : 7	8	8 : 5	9 : 2
4	77	21	12	81

1. _____

1) During a class election 16 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 4 : 1, how many votes did candidate B receive?

2. _____

3. _____

2) While completing a race, Luke spent 42 minutes walking. If his ratio of time walking to jogging was 6 : 5, how many minutes did he spend completing the race?

4. _____

5. _____

3) For an art show, an artist painted 75 pictures. During the show he sold 35 of his pictures. What is the ratio of pictures he still has to pictures he sold?

6. _____

7. _____

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8. _____

9. _____

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10. _____

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9) Frank had 39 songs on his MP3 player. If he deleted 15 songs, what is the ratio of songs he kept to songs he deleted?

10) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 30 kids meals sold, how many adult meals were sold?

Name:

Solve each problem.

1) At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 2. If there were 45 kids meals sold, how many adult meals were sold?

1. _____

2. _____

2) At a bake sale there were 16 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?

3. _____

4. _____

3) Victor had 85 dollars. If he spent 35 dollars on new books, what is the ratio of money he still has to money he's spent?

5. _____

6. _____

4) A classroom had 42 glue sticks. If the ratio of glue sticks to glue bottles was 6 : 1, how many glue bottles did the classroom have?

7. _____

8. _____

5) During a class election the ratio of students who voted for candidate A compared to candidate B was 5 : 3. If candidate A received 35 votes, what is the combined amount of votes candidate A and candidate B received?

9. _____

10. _____

6) A restaurant offers diet soda and regular soda. In one day they sold 91 sodas. If 42 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?

7) During Christmas a book store sold 50 books. If the ratio of books to bookmarks sold was 10 : 3, how many bookmarks did the store sell?

8) While completing a race, Paul spent 72 minutes walking. If his ratio of time walking to jogging was 8 : 3, how many minutes did he spend completing the race?

9) During a period of 24 minutes, a music station played 4 minutes of commercials. What is the ratio of music they played to commercials they played?

10) At a farm the ratio of cows to horses was 6 : 5. If there were 36 cows at the farm, how many horses were there?

Name:

Solve each problem.

Answers

1) At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 2. If there were 45 kids meals sold, how many adult meals were sold?

1. **10**

2. **26**

2) At a bake sale there were 16 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?

3. **10 : 7**

4. **7**

3) Victor had 85 dollars. If he spent 35 dollars on new books, what is the ratio of money he still has to money he's spent?

5. **56**

6. **7 : 6**

4) A classroom had 42 glue sticks. If the ratio of glue sticks to glue bottles was 6 : 1, how many glue bottles did the classroom have?

7. **15**

8. **99**

5) During a class election the ratio of students who voted for candidate A compared to candidate B was 5 : 3. If candidate A received 35 votes, what is the combined amount of votes candidate A and candidate B received?

9. **5 : 1**

10. **30**

6) A restaurant offers diet soda and regular soda. In one day they sold 91 sodas. If 42 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?

7) During Christmas a book store sold 50 books. If the ratio of books to bookmarks sold was 10 : 3, how many bookmarks did the store sell?

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10) At a farm the ratio of cows to horses was 6 : 5. If there were 36 cows at the farm, how many horses were there?

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

Solve each problem.

10 : 7	7 : 6	30	5 : 1	10
15	26	56	7	99

1. _____

1) At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 2. If there were 45 kids meals sold, how many adult meals were sold?

2. _____

3. _____

2) At a bake sale there were 16 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?

4. _____

5. _____

3) Victor had 85 dollars. If he spent 35 dollars on new books, what is the ratio of money he still has to money he's spent?

6. _____

7. _____

4) A classroom had 42 glue sticks. If the ratio of glue sticks to glue bottles was 6 : 1, how many glue bottles did the classroom have?

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