

Reduce each ratio to its lowest form.

Ex) $72 : 56$ 9 : 7

1) $16 : 56$ _____

2) $21 : 56$ _____

3) $10 : 30$ _____

4) $63 : 90$ _____

5) $20 : 5$ _____

6) $72 : 9$ _____

7) $20 : 45$ _____

8) $15 : 50$ _____

9) $28 : 49$ _____

10) $10 : 20$ _____

11) $2 : 20$ _____

12) $10 : 50$ _____

13) $36 : 4$ _____

14) $70 : 30$ _____

15) $14 : 21$ _____

16) $6 : 15$ _____

17) $20 : 15$ _____

18) $50 : 40$ _____

19) $63 : 45$ _____

20) $30 : 54$ _____

Answers

Ex. 9 : 7

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

Solve each problem.

- Ex)** At the movie theater the ratio of small popcorns sold to large popcorns sold was 9:2. For every _____ large popcorns sold there are _____ small popcorns sold.
- 1) For every 2 hamburgers sold at the malt shop there are 4 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?
 - 2) For every 7 girls on a softball team there are 6 boys. What is the ratio of boys to girls?
 - 3) The ratio of males to females birds in a bird cage was 6:4. For every _____ males there are _____ females.
 - 4) At the carnival the ratio of rides to games was 6:2. For every _____ rides there are _____ games.
 - 5) In the class election for every 5 Billy Nancy got, Billy got 7 Nancy. What is the ratio of votes for Nancy to votes for Billy?
 - 6) At the store for every 6 books sold there were 5 movies sold. What is the ratio of books sold to movies sold?
 - 7) For every 8 cars in a parking lot there are 5 trucks. What is the ratio of cars to trucks in the parking lot?
 - 8) For every 5 diet sodas a burger shop sold there were 7 regular sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
 - 9) In a bag of candy for every 5 sugar pieces there are 6 chocolate pieces. What is the ratio of chocolate pieces to sugar pieces?
 - 10) For every 2 Wii games Olivia owned she had 6 PS3 games. What is her ratio of Wii games to PS3 games?
 - 11) In a neighborhood the ratio of old homes to new homes was 5:4. For every _____ new homes in the neighborhood there were _____ old homes.
 - 12) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 6:4. For every _____ long sleeve shirts there were _____ short sleeve shirts.

Answers

- Ex. 2 9
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____

Fill in the blank to make an equivalent ratio.

1) $36 : 63 = 4 : \underline{\quad}$

2) $8 : 16 = \underline{\quad} : 2$

3) $\underline{\quad} : 27 = 14 : 21$

4) $\underline{\quad} : 9 = 14 : 63$

5) $\underline{\quad} : 8 = 5 : 1$

6) $\underline{\quad} : 24 = 2 : 3$

7) $5 : 3 = \underline{\quad} : 6$

8) $42 : 48 = 7 : \underline{\quad}$

9) $10 : 40 = 8 : \underline{\quad}$

10) $4 : 6 = \underline{\quad} : 27$

11) $16 : 24 = \underline{\quad} : 54$

12) $48 : \underline{\quad} = 6 : 1$

13) $\underline{\quad} : 8 = 5 : 40$

14) $6 : 8 = 24 : \underline{\quad}$

15) $5 : \underline{\quad} = 25 : 10$

16) $24 : 54 = 28 : \underline{\quad}$

17) $5 : \underline{\quad} = 15 : 3$

18) $\underline{\quad} : 16 = 6 : 4$

19) $\underline{\quad} : 6 = 4 : 12$

20) $\underline{\quad} : 40 = 18 : 72$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____