



Reduce each ratio to its lowest form.

Ex)  $10:4$   $5:2$

1)  $27:63$  \_\_\_\_\_

2)  $27:9$  \_\_\_\_\_

3)  $6:4$  \_\_\_\_\_

4)  $6:48$  \_\_\_\_\_

5)  $6:10$  \_\_\_\_\_

6)  $3:15$  \_\_\_\_\_

7)  $72:40$  \_\_\_\_\_

8)  $48:30$  \_\_\_\_\_

9)  $12:16$  \_\_\_\_\_

10)  $35:40$  \_\_\_\_\_

11)  $28:7$  \_\_\_\_\_

12)  $56:80$  \_\_\_\_\_

13)  $3:27$  \_\_\_\_\_

14)  $4:8$  \_\_\_\_\_

15)  $70:7$  \_\_\_\_\_

16)  $80:30$  \_\_\_\_\_

17)  $54:12$  \_\_\_\_\_

18)  $28:49$  \_\_\_\_\_

19)  $42:36$  \_\_\_\_\_

20)  $90:40$  \_\_\_\_\_

Answers

Ex.  $5:2$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

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10. \_\_\_\_\_

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16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



Solve each problem.

Answers

- 1) An experienced carpenter could build a house in 5 days. How much would he have finished if he worked for 3 days?
- 2) A restaurant went through 3 boxes of plastic forks over 4 months. They used \_\_\_\_ of a box every month.
- 3) A candy company used 36 gallons of syrup to make 4 batches of candy. What is the rate of syrup per batch?
- 4) A baker used 2 bags of flour every 3 days. He used \_\_\_\_ of a bag each day.
- 5) Mike spent 8 days collecting cans and he managed to collect 6 pounds. He collected \_\_\_\_ of a pound each day.
- 6) It took a pet store 10 weeks to sell 60 cats. What is the rate sold per week?
- 7) A carpenter installed 90 sheets of drywall in 10 minutes. What is the rate per minute?
- 8) An industrial machine is able to make 32 pens in 8 seconds. What is the rate made per second?
- 9) A lumber company had 8 bundles of wood (40 pieces total). What is the rate of pieces per bundle?
- 10) A pencil company used 30 grams of rubber to make 3 pencils, which is a rate of \_\_\_\_ grams per pencil.
- 11) A recipe had 5 tablespoons of seasoning to 7 cups of flour. So there is \_\_\_\_ of a tablespoon of seasoning for each cup of flour.
- 12) A carpenter used 2 boxes of nails to build 4 bird houses. He used \_\_\_\_ of a box on each bird house.
- 13) A movie theater went through 3 pounds of popcorn every 4 hours. They went through \_\_\_\_ of a pound every hour.
- 14) A bouquet had 8 flowers and sold for \$24, which is a rate of \$ \_\_\_\_ per flower.
- 15) Zoe earned 5 points for every 6 books she read. So if she read only 1 book she would have earned \_\_\_\_ of a point.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
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6. \_\_\_\_\_
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15. \_\_\_\_\_