1. Two numbers are in the ratio 9:5. If the smaller number is 20, what is the <u>sum</u> of the two numbers?

2. Clarence the Clown has 20 purple and pink balloons to give out to children at the circus. 1 out of 4 balloons is pink. How many balloons are purple?

3. One out of every 4 children attending the art show is a girl. There are 21 boys. What is the total number of children at the art show?

4. Tina and Alma shared a cash prize in the ratio 6:7. If Alma received 35 dollars, how much money did Tina receive?

5. Maria downloaded pop tunes and hip hop tunes to her computer in the ratio 3:2. She has 10 hip-hop tunes. How many <u>more</u> pop tunes than hip-hop tunes does Maria have?

6. Jorge built a gaming website. The website had 40 visitors on Monday. Three out of every 8 visitors played Planet Zak. The other visitors played Cosmic Blobs. How many visitors played Cosmic Blobs?

7. For every 4 candy bars that Ella sells, Ben sells three. Ella sold 24 candy bars last month. How many candy bars did Ben sell?

8. The ratio of the weight of Christian's hamster to the weight of Javier's hamster is 1:3. Christian's hamster weighs 7 ounces. How much do the two hamsters weigh together?

9. Gustavo spends 4 out of every 5 dollars he earns on software. He uses the rest of the money to buy snacks. Last month, Gustavo spent 20 dollars on software. How much less money did he spend on snacks?

10. Kevin spends 3 out of every 4 dollars he earns on games. He uses the rest of the money to buy comic books. Last month, Kevin spent 18 dollars on games. How much less money did he spend on comic books?

11. The ratio of the weight of Rachel's radio to the weight of Belle's radio is 5:7. Rachel's radio weighs 35 ounces. How much less does Rachel's radio weigh than Belle's radio?

12. Mrs. Ruiz has 20 students in her class. One out of 4 students stayed after school yesterday for soccer practice. The other students stayed for band. How many students stayed for band practice?

13. For every 7 push-ups Dulce can do, Sara can do 6. If Dulce did 28 push-ups during gym class. How many push-ups did they do altogether?

14. The ratio of the number of comic books in Yazmin's collection to the number of comic books in Itzel's collection is 4:1. Itzel has 6 comic books. How many comic books do they have altogether?

15. A group of fourth grade students voted for their favorite sport. One out of 9 students voted for baseball. The other students voted for basketball. There were a total of 36 votes. How many students voted for basketball?

16. Angela and Diana share some lollipops in the ratio 4:7. Diana has 28 lollipops. How many lollipops do they have altogether?

17. For every 3 hats that Lexi sells, Maddie sells two. Lexi sold 12 hats last month. How many hats did they sell in all?

18. For every 7 games the Cherico Cheetahs played, the team won 6. If the Cherico Cheetahs won 30 more games than they lost, how many games did they win?

19. A website conducted a survey about musical tastes. According to the survey, 1 out of 8 people prefers hip hop music. The others prefer rock music. If 56 people took part in the survey, how many more people prefer rock music?

20. On Friday morning, Harmon's had 35 boxes of Captain Crush on the shelf. 1 out of every 5 boxes contained a prize. How many boxes did not contain a prize?

21. Marco and Justin shared a cash prize in the ratio 3:4. If Justin received 16 dollars, how much money did Marco receive?

22. The ratio of girls to boys at the track meet was 4:1. Eric counted 9 boys. How many children were at the track meet altogether?

23. One out of every 4 children attending the soccer game is a girl. There are 27 boys. What is the total number of children at the soccer game?

24. Clarence the Clown has 36 pink and white balloons to give out to children at the circus. 1 out of 4 balloons is white. How many more balloons are pink?

25. The ratio of the length of Jake's wire to the length of Maddie's wire is 1:4. Maddie's wire measures 28 inches. How long is Jake's wire?

26. For every 7 sit-ups Naomi can do, Morgan can do 6. If Naomi did 49 sit-ups, how many more sit-ups did Naomi do than Morgan?

27. On Wednesday morning, Smith's had 99 boxes of Sweet Smacks on the shelf. 4 out of every 11 boxes contained a prize. How many boxes did not contain a prize?

28. Kyle and Megan participated in a team bike-athon. Kyle rode 5 out of every 8 miles in the course. Megan covered the rest of the mileage. If Kyle rode 45 miles, how many fewer miles did Megan ride than Kyle?

29. For every 3 books that Corey sells, Lexi sells one. Corey sold 21 books last week. How many fewer books did Lexi sell than Corey?

30. Will and Abby shared some marshmallows in the ratio 7:3. Abby had 27 marshmallows. How many fewer marshmallows did Abby have than Will?