5th Grade Fractions Prerequisite Skills Test

Name ____________________________

Write each fraction in simplest form.

1. 24/28 ________ 2. 6/16 ________ 3. 3 18/24 ________

Solve. Write your answer in simplest form.

4. Jake had 10 apples. He ate some of the apples. He has 6 apples left. What fraction of the original apples does he have left?
   __________________________

5. Juan and his friend bought 77 pieces of pizza. They ate 55 pieces. What fraction of the pizza did they eat?
   __________________________

Write as a fraction in simplest form.

6. 20 ÷ 40 = ____________________ 7. 15 ÷ 20 = ____________________

8. Are 3/8 and 9/24 equivalent fractions? Why or why not?
   ____________________________

9. What is 2 ½ written as an improper fraction? ______________________

10. What is 25/6 written as a mixed number? ______________________

Solve. Write your answer as a fraction in simplest form or a mixed number.

11. Mabel shared some apples with her friends. She handed out ½ apple to each of 15 friends. How many apples did she hand out?
    __________________________
12. Jane wants to make popcorn balls. Each popcorn ball requires 1/3 of a bag of popcorn. If she has 2 2/3 bags of popcorn, how many popcorn balls can she make?

13. José has 84 model trucks. He wants to divide them into 4 sets, giving three sets to friends and keeping one set for himself. How many trucks will be in each set?

14. If a farmer has 54 mangos, how many boxes can he fill with 6 mangos in each box?

15. Jenna is giving her marble collection away to her friends. She wants to divide 28 marbles equally among four friends. She is planning to give 6 marbles to each friend. Has she figured out the right number to give to each person? Why or why not?

Solve.

16. What is 125/125 in simplest form? 

17. What is 327/1 in simplest form?

18. If 45 \times 75 is 3375, what is 3375 \div 45?

Divide the numbers given. Check your work to show your answer is correct.

19. 85 \div 5 = 

20. 1728 \div 4 = 