Multiplying Fractions and Whole Numbers

Name:

Solve each problem. Make sure your answer is not a improper fraction.

Ex) $\frac{7}{9} \times 5 = 3\frac{8}{9}$

1) $\frac{6}{7} \times 5 =$

2) $\frac{2}{8} \times 8 =$

3) $6 \times \frac{2}{7} =$

4) $3 \times \frac{2}{4} =$

5) $9 \times \frac{6}{8} =$

6) $\frac{3}{5} \times 2 =$

7) $\frac{2}{4} \times 4 =$

8) $\frac{2}{6} \times 2 =$

9) $9 \times \frac{4}{7} =$

10) $6 \times \frac{8}{9} =$

11) $4 \times \frac{3}{7} =$

12) $\frac{7}{8} \times 3 =$

13) $\frac{8}{9} \times 5 =$

14) $\frac{2}{4} \times 8 =$

15) $7 \times \frac{3}{4} =$

16) $7 \times \frac{3}{5} =$

17) $2 \times \frac{4}{6} =$

18) $\frac{2}{4} \times 9 =$

19) $\frac{2}{4} \times 7 =$

20) $\frac{6}{9} \times 3 =$

Answers

Ex. $3\frac{8}{9}$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Name_____

The fifth grade class is going on a field trip to the art museum.

1. School policy states that there should be one adult chaperone for every 9 students. If 164 students are attending, how many adult chaperones are needed? Explain how you found your answer.

   _____

2. Admission to the museum is $4 for students and $6 for adults. Explain how you could use order of operations to find the total cost of admission for the group.

   _____

3. If the group is to be divided as evenly as possible among 8 buses, how many people should ride in each bus?

   _____

4. The buses cost $50 each per day. Explain how you could use order of operations to find the total cost of the field trip including admission and transportation.

   _____

5. How can the class raise money to cover the cost of the field trip? Describe something they could sell, how many they need to sell, and how much they should charge for each.

   _____

6. How many people are going on the field trip, including students and adult chaperones? Can all the people be divided equally into 3 groups to tour the museum? Can they be divided into 4 groups? 5 groups? Explain why or why not for each.

   _____

   _____