

7th Grade Math
Homework 16 HE

2008-2009
Multiply/Divide Fractions

It is expected that you spend 30 FOCUSED, UNINTERRUPTED minutes on this homework. Should you reach that time limit and the homework is not completed, an adult at home may sign your work, showing me that you worked hard until the time limit. You will earn 2 points for a completed homework OR a signature.

HOT PROBLEMS: 1, 3, 5, 7, 9, 11, 13, 14, 15

1. $1 \frac{3}{2} \times \frac{4}{3}$

2. $\frac{7}{3} \times \frac{1}{10}$

3. $\frac{1}{2} \times \frac{5}{5}$

4. $\frac{7}{8} \times \frac{8}{9}$

5. $\frac{4}{7} \times \frac{1}{2}$

6. $\frac{3}{1} \times \frac{4}{1}$

7. $\frac{4}{3} / \frac{3}{2}$

8. $\frac{7}{3} / \frac{1}{10}$

9. $\frac{5}{1} / \frac{2}{5}$

10. $\frac{8}{7} / \frac{8}{9}$

11. $\frac{4}{7} / \frac{1}{2}$

12. $\frac{3}{1} / \frac{4}{1}$

13. You got 7 candy bars for Halloween. You want to share your candy bars with 3 friends (plus yourself). If you all get the same amount, how much candy bar does each person get?

14. You have a half gallon of milk. You drink three quarters of it. What portion of a gallon is left?

15. All your friends brought sweets to school to share. One friend brought $\frac{1}{2}$ of a cake, another friend brought $\frac{1}{8}$ of a cake. Your third friend brought $\frac{2}{3}$ of a cake.
a) How much cake did you have total?
b) How much cake did each of the four of you get?

16. Find $2\frac{3}{2}$ of 75.

17. Find $\frac{13}{16}$ of 180.

8. Find $\frac{7}{8}$ of \$80.

19. Find $\frac{1}{2}$ of .80