

UNIT 2 #2: All Operations with FRACTIONS

MATH 7

Calculator INACTIVE

Name: _____

Date: _____ Period: _____

Evaluate the expressions below. SHOW YOUR WORK. Make sure that your answers are in simplest terms. PAY ATTENTION TO SIGNS AND OPERATIONS!

1. $-\frac{11}{15} + \frac{7}{15}$

2. $\frac{7}{9} - 3$

3. $8 \div \frac{-3}{8}$

4. $-12\frac{4}{13} - 9\frac{1}{26}$

5. $-1\frac{2}{5} \cdot 5\frac{1}{7}$

6. $3\frac{2}{5} - (-\frac{5}{6})$

7. $-\frac{2}{5} - 5\frac{3}{8}$

8. $-\frac{5}{12} \cdot -10$

FINAL ANSWERS

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Evaluate the expressions below. Make sure that your answers are in simplest terms.

9. $\frac{10}{7} \cdot \frac{-7}{3}$

10. $2\frac{1}{3} + -8\frac{17}{20}$

11. $\frac{-15}{14} \div -\frac{10}{7}$

12. $\frac{-18}{14} \div \frac{10}{6}$

13. $-1\frac{5}{9} \cdot 5\frac{1}{7}$

14. $4\frac{1}{8} \cdot 1\frac{6}{11}$

15. $-15 + -2\frac{2}{9}$

16. $5\frac{7}{8} - 3\frac{9}{10}$

17. Sarah and her mom have 5 yards of material to use for projects. Her mom needs $2\frac{5}{7}$ yd. of the material. How much material is left for Sarah to use.

SETUP:

18. Mr. Bledsoe has $6\frac{2}{3}$ pounds of candy that he wants to split evenly between his 8 grandchildren. How many pounds will each child get?

SETUP:

FINAL ANSWERS

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____