

Ms. Emmanuelle

Ms. Mary Ann

Room 9

6th Grade

Due: Thursday

May 30

Spelling List

Sixth Grade

absolutely

affluent

composed

distinguished

effervescent

esteemed

honorable

instantaneous

instinctive

meritorious

principle

resounding

stupendous

thorough

unwavering

6th Grade

Language H.W.

Worksheets will
be given out on
Thursday, May 23

Rational Numbers

Rewrite each rational number in the form $\frac{a}{b}$.

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

2. 5

3. 1.6

4. -0.56

5. $3\frac{4}{7}$

6. -2.5

7. 6

8. 0

9. -0.23

10. $2\frac{6}{11}$

11. 6.94

12. 0.4

13. $4\frac{5}{6}$

14. $-3\frac{6}{17}$

15. 2.11

16. $-2\frac{4}{9}$

17. 15.2

18. $-3\frac{3}{8}$



Test Prep

19. What rational number could be used to show a debt of \$2.50?

A $-\frac{5}{2}$

C $-\frac{250}{100}$

B $-\frac{25}{10}$

D All of the above

20. A dog dug a hole in the backyard that was 2 feet deep. What rational number could you use to represent the depth?

Compare and Order Rational NumbersCompare. Write $<$, $>$, or $=$ for each \bigcirc . Use a number line if necessary.

1. $0.4 \bigcirc \frac{2}{5}$

2. $0.33 \bigcirc \frac{1}{3}$

3. $-\frac{7}{8} \bigcirc -0.8$

4. $-0.7 \bigcirc -\frac{5}{8}$

5. $\frac{4}{7} \bigcirc 0.65$

6. $-0.1 \bigcirc -\frac{3}{5}$

7. $1\frac{7}{8} \bigcirc 1.6$

8. $-2\frac{9}{10} \bigcirc -2.78$

Order the numbers from least to greatest. Use a number line if necessary.

9. $0.2, -\frac{1}{10}, 14\%$

10. $\frac{3}{4}, 0.8, \frac{5}{6}$

11. $-\frac{1}{4}, -0.21, -20\%$

12. $\frac{2}{7}, -\frac{3}{8}, 0.45$

Algebra • Inequalities Find the value of n so that each set of numbers is in order from greatest to least.

13. $\frac{n}{7}, 0.56, \frac{7}{15}$ _____

14. $87\%, \frac{n}{9}, 0.9$ _____

15. $2\frac{3}{8}, n\frac{6}{7}, 2.75$ _____

16. $-3\frac{4}{5}, -3.76, -n\frac{3}{7}$ _____

**Test Prep**17. Which number is between $\frac{2}{3}$ and 0.75?

A 0.7

C 0.6

B 0.65

D 0.5

18. Use a number line to explain which is greater, $-\frac{8}{15}$ or $-\frac{1}{2}$.

Rational Numbers and Their Properties

Complete each equation. Identify the property you used.

1. $\frac{4}{5} \times \underline{\hspace{2cm}} = 1$

2. $(1\frac{3}{4} + \frac{2}{3}) + 2\frac{1}{4} = (1\frac{3}{4} + \underline{\hspace{2cm}}) + \frac{2}{3}$

3. $1.2 \times \underline{\hspace{2cm}} = 1.2$

4. $\frac{4}{5} \times \underline{\hspace{2cm}} = -\frac{2}{3} \times \frac{4}{5}$

5. $1.2 + \frac{3}{5} = \frac{3}{5} + \underline{\hspace{2cm}}$

6. $\frac{3}{4} \times (\frac{1}{2} + 0.2) = (\underline{\hspace{2cm}} \times \frac{1}{2}) + (\frac{3}{4} \times 0.2)$

7. $-1\frac{7}{12} + \underline{\hspace{2cm}} = -1\frac{7}{12}$

8. $-1\frac{9}{10} + 2\frac{4}{5} = \underline{\hspace{2cm}} + -1\frac{9}{10}$

9. $(1\frac{5}{6} \times 2.6) \times 1\frac{3}{7} = 1\frac{5}{6} \times (\underline{\hspace{2cm}} \times 1\frac{3}{7})$

10. $-\frac{3}{11} \times \underline{\hspace{2cm}} = 1$

**Test Prep**

11. Which of the following best represents the commutative property of multiplication?

A $\frac{4}{3} \times \frac{3}{4} = 1$

B $1.2 \times (\frac{1}{2} \times -\frac{1}{4}) = (1.2 \times \frac{1}{2}) \times -\frac{1}{4}$

C $2.6 \times -1\frac{2}{5} = -1\frac{2}{5} \times 2.6$

D $3.4 + -\frac{5}{2} = -\frac{5}{2} + 3.4$

12. Are $\frac{3}{11}$ and $-\frac{11}{3}$ multiplicative inverses? Explain.
