

Name _____

Mixed Review: Entering Grade 6

DUE: AUGUST 22, 2014

1) Circle or highlight all of the numbers that are divisible by 9.

41 31 51 19728 876 27
323 838 18 78 559 39

2) Circle or highlight all of the numbers that are divisible by 8.

328 918 97 144 8 64
28 56 124 32 72 94

Write the place value of the underlined number.

3) 1,303 4) 998,466 5) 915 6) 30,159
7) 9.6 8) 9.050 9) .007 10) 4.0

List the prime factors for each number.

11) 14 12) 36 13) 63 14) 59

Write each number as a decimal.

15) $\frac{1}{4}$ 16) $\frac{235}{1000}$ 17) $\frac{6}{100}$ 18) Twelve ten-thousandths

Decimal Operations. Solve each problem. (Add up to 3 zeros for division problems)

19) $86.4 - 4.58 - 36.9 + 5 =$ 20) $58 - 3.62 + 1.77 + 5.36 + 40 =$

21)
$$\begin{array}{r} 0.25 \\ \times 0.5 \\ \hline \end{array}$$
 22)
$$\begin{array}{r} 0.803 \\ \times 0.74 \\ \hline \end{array}$$
 23)
$$\begin{array}{r} 0.4 \\ \times 0.739 \\ \hline \end{array}$$
 24)
$$\begin{array}{r} 4.5 \\ \times 1.3 \\ \hline \end{array}$$

25) $5 \overline{) 8.4}$ 26) $8 \overline{) 4.45}$ 27) $8.3 \div 4$

Round to the tens place:

28) 5687

29) 56803

30) 8999

31) 255

Solve using Order of Operations:

32) $3 + 6 \times 2 =$

33) $(5 + 4) \times 2 + 3 =$

34) $24 \div 4 \times 2 =$

Reduce each Fraction to Simplest Form:

35) $\frac{8}{12}$

36) $\frac{5}{45}$

37) $\frac{24}{48}$

38) $\frac{1000}{10000}$

Write each Improper Fraction as a Mixed Number in Simplest Form:

39) $\frac{12}{5}$

40) $\frac{56}{9}$

41) $\frac{124}{12}$

42) $\frac{63}{7}$

Write each Mixed Number as an Improper Fraction:

43) $6 \frac{2}{3}$

44) $10 \frac{15}{19}$

45) $25 \frac{3}{40}$

Fraction Operations. Solve each problem. Place answers in simplest form.

46) $\frac{2}{9} + \frac{4}{9}$

47) $\frac{5}{12} + \frac{2}{3}$

48) $\frac{6}{7} + \frac{3}{5}$

49) $1 \frac{11}{20} + 3 \frac{3}{20}$

50) $\frac{15}{20} - \frac{3}{20}$

51) $\frac{6}{12} - \frac{1}{4}$

52) $15 - \frac{5}{8}$

53) $10 \frac{2}{5} - 6 \frac{4}{5}$

54) $5 \times \frac{8}{25}$

55) $\frac{3}{5} \times \frac{4}{7}$

56) $\frac{16}{75} \times \frac{25}{32}$

57) $\frac{7}{9} \div \frac{14}{33}$

Units and Measurement

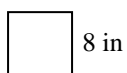
58) 8 feet = _____ inches

59) 20 gallons = _____ quarts

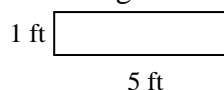
60) 12 pounds = _____ ounces

Find the Perimeter and Area for each.

61) A square



62) A rectangle



63) An equilateral triangle

