Name_____ Class: __5th Grade__ Date: _____

Subject: **ARITHMETIC**

Instruction: **Fill the blanks with the number that makes the fractions equivalent.**

1. $\frac{4}{7} = \frac{\square}{28}$

2) $\frac{3}{5} = \frac{\square}{30}$

3) $\frac{\square}{8} = \frac{56}{64}$

1. Mark under the values that are equal to $\frac{1}{2}$.

$\frac{5}{10}$	50%	0.05	0.10	0.50	$\frac{10}{50}$	20%	$\frac{0.5}{1}$
◯	◯	◯	◯	◯	◯	◯	◯

2.

$$23\frac{2}{15}$$
$$16\frac{1}{15}$$
$$+\ 52\frac{8}{15}$$
_____

_____

6.

$$3,246\frac{1}{5}$$
$$719\frac{2}{5}$$
$$+\ 5,899\frac{1}{5}$$
_____

_____

7.

$$423\frac{3}{17}$$
$$784\frac{5}{17}$$
$$+\ 95\frac{6}{17}$$
_____

_____

8.

$$101\frac{1}{6}$$
$$-\ 76\frac{3}{8}$$
_____

_____

9.

$$501\frac{3}{8}$$
$$-\ 217\frac{7}{8}$$
_____

_____

10.

$$64\frac{1}{3}$$
$$-\ 18\frac{4}{5}$$
_____

_____

11.

$$1$$
$$-\ \ \frac{7}{8}$$
_____

_____

Instruction: **Convert these Celsius temperatures to Fahrenheit. Use the formula** $F = \frac{9}{5}C + 32$.

12. 25°C = _____ °F.   13. 50°C = _____ °F   14. 100°C = _____ °F

Instruction: **Convert these Fahrenheit temperatures to Celsius. Use the formula** $C = \frac{5}{9}(F - 32)$.

15. 59 °F. = _____ °C   16. 212°F. = _____ °C   17. 104°F. = _____ °C

Name_____ Class: **5th Grade** Date: _____

Instruction: **Use the formula** $P = (2 \times l) + (2 \times w)$ **to find the perimeter of these rectangles.**

18. $l = 5ft.; w = 4ft.$

19. $l = 7\frac{1}{2}ft.; w = 4ft.$

Instruction: use the rule for probability to find each answer.

20. A bag of beads has 5 blue beads and 7 red beads. What is the probability that a red bead will be chosen from the bag? _____

How many beads are in the bag? _____

21. A classroom has 15 girls and 15 boys. The names of the students are put in a hat. What is the probability that a boy's name will be chosen? (Reduce the answer to lowest terms.)
_____

22. The Alaskan Highway extends 1,422 miles. How long would it take to drive it going 45 miles per hour? _____

23. The cost for 407 students to enter the zoo is $ 2,442. What is the cost per ticket?
_____

24. Lucia left for an extended trip on May 21 and returned on September 5. How many days was she away from home? _____

Instruction: mark the correct answer.

25. this gives the best estimate of 702 – 199.

⭕ 700 – 190   ⭕ 710 – 200   ⭕ 700 – 200   ⭕ 700 - 100

26. This estimate how many 12s there are in 468.

⭕ 400 ÷ 10   ⭕ 500 ÷ 10   ⭕ 400 ÷ 20   ⭕ 500 ÷ 20

27. This gives the best estimate of the cost of 199 candy bars at $0.75 each.

⭕ $\frac{3}{4} \times 200$ ⭕ $\frac{3}{10} \times 200$ ⭕ $\frac{1}{2} \times 100$ ⭕ $\frac{3}{4} \times 100$

28. Rearrange the digits of 27 136 to make the least number possible. Use the comma correctly and read the number. _____

29.

624 ⟌ 839,280

30.

89 ⟌ 205,323

31.

9 ⟌ 33,075

Name_____ Class: **5ᵗʰ Grade** Date: _____

Instruction: Find the sum and differences.

32.
```
    32.4
    7.98
+  42.85
```

33.
```
    0.97
    1.8
    2.69
+   3.2
```

34. The apostle Paul was a tentmaker. Suppose he had materials these lengths: $1\frac{3}{4}\,yd., 2\frac{1}{4}\,yd., 3\frac{3}{4}\,yd., and\ 2\frac{3}{4}\,yd.$ What was the total length?

35. Alexandra made 24 quarts of lemonade. How many gallons did she make? How many pints did she make?

Instruction: write the correct Arabic numeral for these Roman numerals.

36. $\overline{VI}$ _____

37. $\overline{VM}$ _____

38. CMXXIV _____

39. DXXI _____

40. DCCXXII _____