TEST NAME:**7NS-1 E**
TEST ID:**1696926**
GRADE:**07 - Seventh Grade**
SUBJECT:**Mathematics**
TEST CATEGORY:**My Classroom**

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Student: _____
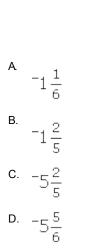
Class: _____

Date: _____

Instructions

This Test should be completed WITHOUT the use of a Calculator. NO CALCULATOR. CALCULATOR INACTIVE.

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1. **Emma bought 3 boxes of cereal at $1.52 each and 2 cartons of milk at $2.93 each. If the tax on the items was $0.26, what was the total amount she spent?**

   A. $4.45
   B. $4.71
   C. $10.42
   D. $10.68

2. What is the value of the expression below?

$$-2\frac{1}{2} + {}^{-}3\frac{1}{3}$$

   A.
   $$-1\frac{1}{6}$$

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

   C. $$-5\frac{2}{5}$$

   D. $$-5\frac{5}{6}$$

3. **What is $\dfrac{15}{27.5}$ to the nearest hundredth?**

   A. 0.05
   B. 0.55
   C. 1.83
   D. 5.45

4. **What is the value of –259 + 834?**

   A. −1093
   B. −575
   C. 575
   D. 1093

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5. What is the product of $-\dfrac{1}{3}$ and $-\dfrac{4}{5}$?

   A. $-\dfrac{4}{15}$

   B. $-\dfrac{5}{12}$

   C. $\dfrac{4}{15}$

   D. $\dfrac{5}{12}$

6. **Jerod delivers pizzas part-time. Last year he drove 4071 miles. This year he drove 5103 miles. How many more miles did he drive this year?**

   A. 1022
   B. 1032
   C. 1122
   D. 1132

7. One lap around the track at Jamal's school measures $\dfrac{1}{8}$ of a mile. He has an average lap time of 2 minutes and 13 seconds. At this time, what is Jamal's *approximate* time for 2 miles?

   A. 35 minutes, 47 seconds

   B. 35 minutes, 28 seconds

   C. 34 minutes, 8 seconds

   D. 34 minutes, 5 seconds

8. **−12 + −5 =**

   A. −17
   B. −7
   C. 7
   D. 17

9. **During a trip to Montana, Samantha recorded the temperatures for several days. The temperature on Sunday was 12°F. It rose 2° on Monday, dropped 13° on Tuesday, dropped 7° on Wednesday, and rose another 3° on Thursday. What was the temperature, in degrees Fahrenheit, on Thursday?**

   A. $-13°\text{F}$
   B. $-3°\text{F}$
   C. 27°F
   D. 37°F

10. **Which fraction is equivalent to a repeating decimal?**

    A. $\dfrac{1}{4}$
    B. $\dfrac{1}{5}$
    C. $\dfrac{1}{8}$
    D. $\dfrac{1}{9}$

11. **Two furniture stores have the same sofa and chair for sale. Prices for the furniture and a special offer are given in the table.**

Furniture Price Comparison		
	Value Furniture	M & R Furniture
Sofa	$750	$800
Chair	$250	$250
Delivery	Free	$50
Specials		Buy the sofa and get half off of the chair

   If Sam plans on having his furniture delivered, which store offers the better deal and how much is saved?

   A. Value Furniture – $25 saved
   B. Value Furniture – $100 saved
   C. M & R Furniture – $25 saved
   D. M & R Furniture – $75 saved

12. **Which solution will make this a true statement?**

    $$-4 - 7 = \boxed{}$$

    A. -11
    B. -3
    C. 3
    D. 11

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13. **Which equation is true?**

A. $\dfrac{(9-5)}{12} = \dfrac{9}{12} - \dfrac{5}{12}$

B. $\left(0.85 + \dfrac{3}{8}\right) + 5 = 0.85\left(\dfrac{3}{8} + 5\right)$

C. $\left(8\dfrac{3}{4} \div \dfrac{4}{5}\right) \div 9 = 8\dfrac{3}{4} \div \left(\dfrac{4}{5} \div 9\right)$

D. $4\dfrac{3}{10}(6 + 12) = (4 \cdot 6) + \left(\dfrac{3}{10} \cdot 12\right)$

14. **In 2002 Cara's stock was worth $12 per share. In 2003 the stock's value decreased by $4. In 2004 the stock's value decreased by another $3. In 2005 the stock's value increased by $5. What was the stock's value at the end of 2005?**

   A. $0
   B. $10
   C. $16
   D. $24

15. **What value of *x* makes the number sentence true?**

$x + (-5) = -5$

   A. 0
   B. 1
   C. 5
   D. 10

16. What is the value of the expression $\dfrac{1}{2} - \left(-\dfrac{1}{3} + \dfrac{2}{5}\right)$?

   A. $\dfrac{7}{30}$

   B. $\dfrac{13}{30}$

   C. $\dfrac{17}{30}$

   D. $\dfrac{37}{30}$

17. **Wilson Elementary School recycles aluminum cans. The recycling center has this sign on the building.**

RECYCLING CENTER ♻

Aluminum Prices Paid Here

1 lb. – 100 lbs.............$0.20 per pound
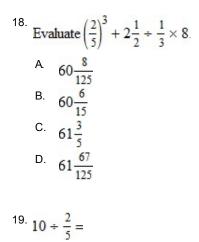100 lbs. and over........$0.25 per pound

How much money would the school earn for 140 pounds of aluminum cans if the first 100 pounds are paid at the lower rate?
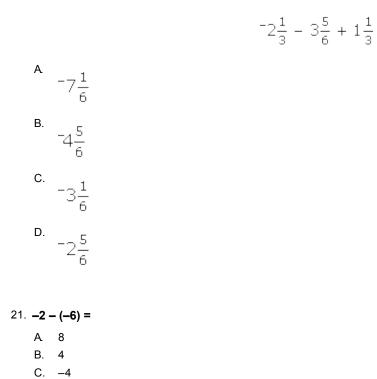
A. $28.00
B. $30.00
C. $33.00
D. $35.00

18. Evaluate $\left(\dfrac{2}{5}\right)^3 + 2\dfrac{1}{2} \div \dfrac{1}{3} \times 8.$

A. $60\dfrac{8}{125}$

B. $60\dfrac{6}{15}$

C. $61\dfrac{3}{5}$

D. $61\dfrac{67}{125}$

19. $10 \div \dfrac{2}{5} =$

A. $2\dfrac{2}{5}$

B. 4

C. $7\dfrac{1}{2}$

D. 25

20. What is the value of the expression below?

$$-2\frac{1}{3} - 3\frac{5}{6} + 1\frac{1}{3}$$

A.
$$-7\frac{1}{6}$$

B.
$$-4\frac{5}{6}$$

C.
$$-3\frac{1}{6}$$

D.
$$-2\frac{5}{6}$$

21. **−2 − (−6) =**

A. 8
B. 4
C. −4
D. −8