

ROUND 1PRACTICE

$$36 \div 3(8 - 4 \div 2)$$

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Answer:

Practice:**2**ROUND 1QUESTION #1

A taxi charges \$1.05 for the first  $\frac{2}{7}$  of a mile and \$.20 for each additional  $\frac{2}{7}$  mile or part thereof. What is the taxi fare for a mile ride?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 1

Answer #1:

**\$1.65**

ROUND 1

QUESTION #2

How many two-digit prime numbers are there such that the product of the two digits is also a prime number?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 1

Answer #2:

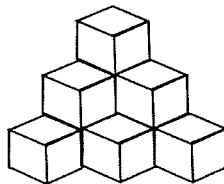
**4**

**The numbers are 13,  
17, 31, and 71**

ROUND 1

QUESTION #3

If this pattern continues, how many cubes will it take to make ten layers?



SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 1

Answer #3:

**220**

**ROUND 1**  
**QUESTION #4**

If you agree to buy 9 tapes for \$7.95 each, you will receive 14 more tapes for an additional \$.01. What is the average price of a tape?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

**Round 1**

Answer #4:

**\$3.11**

**ROUND 1**

**QUESTION #5**

A clothing store advertises that its prices are only 10% above cost. What is the store's profit on a coat that is advertised for \$160?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

**Round 1**

Answer #5:

**\$14.55**

ROUND 1

QUESTION #6

Forty-seven more girls than boys are enrolled in Kennedy Junior High. There are 2597 students in Kennedy. How many of them are girls?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 1

Answer #6:

**1322**

ROUND 1

QUESTION #7

Karen took a math test. She had six times as many correct answers as incorrect answers. There were 35 items on the test. How many items did Karen answer correctly?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 1

Answer #7:

**30**

**ROUND 1**

**QUESTION #8**

Mr. and Mrs. Green received a discount of \$87 on a new electric stove. The discount was result of a  $\frac{1}{4}$  off sale. What was the sale price of the stove?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

**Round 1**

Answer #8:

**\$261**

**ROUND 2**

**QUESTION #1**

My watch loses 12 seconds each day. How many minutes would it lose in a 30 day month?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

**Round 2**

Answer #1

**6 minutes**

ROUND 2

QUESTION #2

The sum of two numbers is 21. The product of the numbers is 110. What is the sum of their reciprocals?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 2

Answer #2:



$$\frac{21}{110}$$

ROUND 2

QUESTION #3

A	2	3	5	7	9	10
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B 5 7 11 15  

What numbers should go in the  and the  in the table?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 2

Answer #3:

 = 19;  = 21

**ROUND 2**  
**QUESTION #4**

You bought four chickens for \$10 and sold the chickens for \$3.00 each. How much money did you make on the four chickens?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

**Round 2**

Answer #4:

**\$2.00**

**ROUND 2**  
**QUESTION #5**

Vin bought a tire on sale. The sale price of the tire was \$37.95. Including a 6% sales tax, what was the total cost of the tire?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

**Round 2**

Answer #5:

**\$40.23**

ROUND 2

QUESTION #6

Jean and Rita went on a shopping spree.  
Jean spent \$65.60 more than Rita.  
Together they spent \$444.50. How much  
did Rita spend?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 2

Answer #6:

**\$189.45**

ROUND 2

QUESTION #7

On a test, I had seven times as many  
correct answers as incorrect answers.  
There were 120 items on the test. How  
many items did I get right?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 2

Answer #7:

**105**

ROUND 2

QUESTION #8

Paul bought a camera on sale for 30% off.  
He paid \$119. What was the price of the  
camera before the discount?

SCHOOL: \_\_\_\_\_ ANSWER: \_\_\_\_\_

Round 2

Answer #8:

**\$170**