

# Math Practice Test (Age 8)

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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## A) Addition & Subtraction

1) Add:

$$\begin{array}{r} 58342 \\ 10985 \\ 76019 \\ + 43267 \\ \hline \end{array}$$

2) Subtract:

$$\begin{array}{r} 7042 \\ - 859 \\ \hline \end{array}$$

## B) Long Multiplication

3) Multiply:

$$\begin{array}{r} 2378 \\ \times \quad 99 \\ \hline \end{array}$$

4) Multiply:

$$\begin{array}{r} 5067 \\ \times \quad 48 \\ \hline \end{array}$$

## C) Division & Fractions

5)  $864 \div 12 =$  \_\_\_\_\_

6)  $735 \div 15 =$  \_\_\_\_\_

7)  $234/18$  (simplify) = \_\_\_\_\_

8)  $125/20$  (simplify) = \_\_\_\_\_

9) Add the fractions (show your work):

a)  $2/3 + 4/5 =$  \_\_\_\_\_

b)  $5/12 + 7/8 =$  \_\_\_\_\_

10) Mixed decimal & fraction:

$0.2 + 0.0013 + 1/2 =$  \_\_\_\_\_

## D) Prime Factorization

11) Write each number as a product of prime factors:

a)  $240 =$  \_\_\_\_\_

b)  $315 =$  \_\_\_\_\_

c)  $504 =$  \_\_\_\_\_