Name: _____ **Date:** _____

Number Theory Review. **Please answer ALL questions.**

1. (a)
$$\begin{array}{r} 204 \\ +\ 93 \\ \hline 581 \\ \hline \end{array}$$

Answer _____

(b)
$$\begin{array}{r} 7483 \\ -\ 5643 \\ \hline \\ \hline \end{array}$$

Answer _____

(c)
$$\begin{array}{r} 734 \\ \times\ 3 \\ \hline \\ \hline \end{array}$$

Answer _____

(d) $6\overline{)8094}$

Answer _____

LIVEWORKSHEETS

2. Write down the number that has

4 in the hundreds place, **7** in the tens place,
0 in the thousands place, **8** in the units and **2** in the ten thousands place.

Answer _____

3. Fill in the blank in the sequence below

1,3,4,7,11,18, ____

Answer _____

4.

Write down all of the prime numbers between 60 and 70.

Answer _____

LIVEWORKSHEETS

5.

From the set of numbers

{3, 5, 7, 9, 11, 17, 19, 21},

write down the

(a) factors of 21,

Answer _____

(b) multiples of 7.

Answer _____

6.

The prime factors of two numbers are listed below.

$2 \times 2 \times 3 \times 3 \times 5$
$2 \times 2 \times 2 \times 3 \times 5$

Write down the Highest Common Factor (H.C.F.) of these numbers.

Answer _____

LIVEWORKSHEETS

7.

Which fraction is larger, $\frac{7}{10}$ or $\frac{4}{5}$?

Answer _____

What is the difference between the larger and smaller fraction, $\frac{7}{10}$ and $\frac{4}{5}$?

Answer _____

LIVEWORKSHEETS

8.

What is the missing number?

$$\frac{3}{8} = \frac{}{16}$$

Answer _____

9.

Calculate the sum of

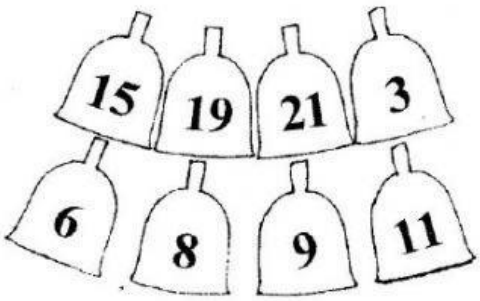
$2\frac{3}{4}$ and $2\frac{4}{5}$

Answer: _____

LIVEWORKSHEETS

10.

(a) List **ALL** of the prime numbers found on the bells below.



Answer _____

(b) Find the sum of the prime numbers in (a).

Answer _____

LIVEWORKSHEETS