

Student Name: _____

Date: _____

1. MIXED NUMBERS & IMPROPER FRACTIONS

Change these mixed numbers with improper fractions to whole or mixed numbers. Reduce your answers to lowest terms if necessary.

(1)

$$6 \frac{16}{12} =$$

(2)

$$15 \frac{18}{6} =$$

2. FRACTION ADDITION & SUBTRACTION

Add or subtract. Reduce your answers to lowest terms.

(3) Addition

$$\begin{array}{r} 14 \frac{9}{10} \\ + 21 \frac{9}{10} \\ \hline \end{array}$$

(4) Addition

$$\begin{array}{r} 42 \frac{5}{24} \\ + 13 \frac{3}{24} \\ \hline \end{array}$$

(5) Subtraction

$$1 - \frac{11}{14} =$$

(6) Subtraction

$$1 - \frac{4}{9} =$$

3. FRACTION MULTIPLICATION

Multiply these fractions. Reduce your answers to lowest terms.

(7)

$$\frac{4}{5} \times \frac{5}{8} =$$

(8)

$$\frac{2}{9} \times \frac{1}{4} =$$

(9)

$$\frac{1}{6} \times \frac{3}{5} =$$

4. ROUNDING NUMBERS

Round to the requested place value, and circle the correct choice.

Round to the nearest 100:

(10) 638

600 or 700

Round to the nearest 10:

(12) 638

630 or 640

Round to the nearest 100:

(11) 4,281

4,200 or 4,300

Round to the nearest 10:

(13) 4,281

4,280 or 4,290

5. LONG DIVISION WITH REMAINDERS

Divide. Show your complete workflow and write the remainder clearly (e.g., 5 R2).

(14)

$$26 \overline{) 185}$$

(15)

$$32 \overline{) 99}$$

(16)

$$58 \overline{) 180}$$

6. DATA & GRAPH INTERPRETATION

The line graph below shows Sunday school attendance for Pastor Luke's class during June. Complete activities 17, 18, and 19.



(17) How many students were in class on June 21? _____

(18) What is the difference between the highest attendance and the lowest attendance recorded during this month? _____

(19) In May, the total class attendance across all weeks combined was 52. How much greater or smaller was the total attendance of June compared to May? _____

7. MULTI-DIGIT MULTIPLICATION WITH ZEROS

Multiply. Align the place values correctly and show your partial products cleanly.

(20)

$$\begin{array}{r} 637 \\ \times 240 \\ \hline \end{array}$$

(21)

$$\begin{array}{r} 906 \\ \times 530 \\ \hline \end{array}$$

(22)

$$\begin{array}{r} 418 \\ \times 860 \\ \hline \end{array}$$