Name _____   Date _____

5th Grade Readiness: Progress Assessment

Questions 1-3: Multiply the multi-digit numbers.

1.

$$3\,5\,9$$
$$\times \quad 4$$

Answer: 1436

2.

$$2\,7\,5\,3$$
$$\times \qquad 6$$

Answer: 16518

3.

$$7\,6$$
$$\times \, 1\,5$$

Answer: 1140

STOP

Please stop, put your pencil down
and wait for the next directions.

Number Correct = _____

Questions 4-6: Divide the multi-digit numbers. **(Note: It is possible to have a remainder.)**

4.

$$5 \overline{) 4\,1}$$

8 R1   8 R2   8 R3   8 R4

Answer: _____

5.

$$6 \overline{) 5\,0\,4}$$

Answer: 84

6.

$$5 \overline{) 8,1\,6\,0}$$

Answer: 1632

STOP

Please stop, put your pencil down
and wait for the next directions.

Questions 7-9: Compare the two fractions. **(<, >, =)**

7.

$$\frac{2}{3} \quad \underline{\quad\quad} \quad \frac{3}{5}$$

Answer: **>**

8.

$$\frac{3}{4} \quad \underline{\quad\quad} \quad \frac{5}{6}$$

Answer: **<**

9.

$$\frac{2}{5} \quad \underline{\quad\quad} \quad \frac{8}{20}$$

Answer: **=**

STOP

Please stop, put your pencil down and wait for the next directions.

Questions 10-12: Find equal values of the mixed number and improper fraction.

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10. The mixed number $4\frac{1}{3}$ is equivalent to which expression?

○ $4 \times \frac{1}{3}$

○ $\frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{1}{3}$

○ $3 + \frac{1}{3}$

○ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

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11. The mixed number $3\frac{5}{6}$ is equivalent to which fraction?

○ $\frac{23}{6}$

○ $\frac{23}{5}$

○ $\frac{18}{5}$

○ $\frac{15}{6}$

---

12. The improper fraction $\frac{13}{3}$ is equivalent to which mixed number or fraction?

○ $3\frac{1}{3}$

○ $4\frac{2}{3}$

○ $4\frac{1}{3}$

○ $\frac{3}{13}$

STOP

Please stop, put your pencil down and wait for the next directions.

Number Correct = _____

Questions 13-15: Add and subtract the mixed numbers.

13.

$$2\,\frac{4}{5}$$

$$+\,3\,\frac{3}{5}$$

| 6 2/5 | 5 7/10 | 6 7/5 | 5 2/5 |

14.

$$4\,\frac{5}{6}$$

$$-\,1\,\frac{4}{6}$$

| 3 1/6 | 3 1/0 | 3 9/6 | 5 9/12 |

15.

$$4\,\frac{1}{7}$$

$$-\,2\,\frac{3}{7}$$

| 1 5/7 | 2 2/7 | 2 5/7 | 1 2/7 |

STOP

Please stop, put your pencil down
and wait for the next directions.

Questions 16-18: Multiply the fraction and whole number.

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16. $\frac{1}{4}$ x 3   is equivalent to which expression?

○ $\frac{1}{4}$ x $\frac{1}{3}$ ○ $\frac{1}{4}$ x $\frac{1}{4}$ x $\frac{1}{4}$

○   3 + $\frac{1}{4}$ ○ $\boxed{\frac{1}{4} + \frac{1}{4} + \frac{1}{4}}$

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17. Multiply:

   5 x $\frac{1}{3}$

○ $\frac{1}{15}$ ○ $\frac{15}{1}$ ○ $\frac{3}{5}$ ○ $\boxed{\frac{5}{3}}$

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18. Multiply:

   3 x $\frac{5}{6}$

○ $\boxed{\frac{15}{6}}$ ○ $\frac{5}{18}$ ○ $\frac{18}{5}$ ○ $\frac{15}{18}$

STOP

Please stop, put your pencil down and wait for the next directions.

Number Correct = _____