5th Grade Readiness: Summer Post-Assessment

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

1.

$$327 \times 6$$

Answer: _____

2.

$$5274 \times 3$$

Answer: _____

3.

$$75 \times 13$$

Answer: _____

STOP

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

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

4.

$$7\overline{)30}$$

Answer: _____

5.

$$7\overline{)602}$$

Answer: _____

6.

$$5\overline{)9,130}$$

Answer: _____

🛑 STOP

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

Number Correct = _____

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

7.

$$\frac{2}{3} \quad \underline{\hspace{1cm}} \quad \frac{3}{8}$$

Answer: _____

8.

$$\frac{2}{5} \quad \underline{\hspace{1cm}} \quad \frac{8}{20}$$

Answer: _____

9.

$$\frac{3}{7} \quad \underline{\hspace{1cm}} \quad \frac{4}{9}$$

Answer: _____

STOP

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

Number Correct = _____

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

10. The mixed number $4\frac{1}{2}$ is equivalent to which expression?

○ $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ ○ $4 \times \frac{1}{2}$

○ $2 + \frac{1}{4}$ ○ $\frac{2}{2} + \frac{2}{2} + \frac{2}{2} + \frac{2}{2} + \frac{1}{2}$

11. The mixed number $2\frac{3}{4}$ is equivalent to which fraction?

○ $\frac{11}{4}$ ○ $\frac{11}{3}$ ○ $\frac{6}{4}$ ○ $\frac{9}{4}$

12. The improper fraction $\frac{14}{3}$ is equivalent to which mixed number or fraction?

○ $\frac{3}{14}$ ○ $4\frac{1}{3}$ ○ $4\frac{2}{3}$ ○ $3\frac{2}{3}$

(STOP)

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

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

13.

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

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

_____

Answer: _____

14.

$$6 \frac{2}{3}$$

$$-\, 4 \frac{1}{3}$$

_____

Answer: _____

15.

$$7 \frac{2}{5}$$

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

_____

Answer: _____

STOP

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

Number Correct = _____

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

16. $\frac{2}{3}$ x 4 is equivalent to which expression?

   ○ $\frac{2}{3}$ x $\frac{2}{3}$ x $\frac{2}{3}$ x $\frac{2}{3}$ ○ $4 + \frac{2}{3}$

   ○ $\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3}$ ○ $\frac{2}{3}$ x $\frac{1}{4}$

17. Multiply:

$$5 \ \text{x} \ \frac{1}{4}$$

  ○ $\frac{5}{4}$ ○ $\frac{4}{5}$ ○ $\frac{1}{20}$ ○ $\frac{20}{1}$

18. Multiply:

$$3 \ \text{x} \ \frac{4}{5}$$

  ○ $\frac{4}{15}$ ○ $\frac{12}{5}$ ○ $\frac{12}{15}$ ○ $\frac{15}{4}$

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