5ᵗʰ Grade Readiness Screener - Winter

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

1.

$$487$$
$$\times \quad 3$$

Answer: _____

2.

$$6287$$
$$\times \quad\quad 4$$

Answer: _____

3.

$$63$$
$$\times 15$$

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.

$$5\overline{)32}$$

Answer: _____

5.

$$8\overline{)504}$$

Answer: _____

6.

$$5\overline{)8,415}$$

Answer: _____

STOP

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

Number Correct = _____

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

7.

$$\frac{4}{5} \underline{\hspace{1cm}} \frac{5}{9}$$

Answer: _____

8.

$$\frac{3}{4} \underline{\hspace{1cm}} \frac{15}{20}$$

Answer: _____

9.

$$\frac{4}{7} \underline{\hspace{1cm}} \frac{5}{9}$$

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

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

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

11. The mixed number $2\frac{5}{6}$ is equivalent to which fraction?

    ○ $\frac{13}{6}$ ○ $\frac{10}{6}$ ○ $\frac{17}{5}$ ○ $\frac{17}{6}$

12. The improper fraction $\frac{13}{5}$ is equivalent to which mixed number or fraction?

    ○ $1\frac{3}{5}$ ○ $2\frac{3}{5}$ ○ $3\frac{2}{5}$ ○ $\frac{5}{13}$

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.

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

$$+\ 2\ \frac{3}{5}$$

_____

Answer: _____

14.

$$6\ \frac{5}{7}$$

$$-\ 3\ \frac{1}{7}$$

_____

Answer: _____

15.

$$6\ \frac{1}{3}$$

$$-\ 1\ \frac{2}{3}$$

_____

Answer: _____

STOP

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

Number Correct = _____

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

16. $\frac{1}{2}$ x 3 is equivalent to which expression?

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

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

17. Multiply:

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

○ $\frac{1}{12}$ ○ $\frac{12}{1}$ ○ $\frac{3}{4}$ ○ $\frac{4}{3}$

18. Multiply:

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

○ $\frac{20}{3}$ ○ $\frac{15}{20}$ ○ $\frac{15}{4}$ ○ $\frac{3}{20}$

STOP

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

Number Correct = _____