

5th Grade Readiness: Winter Progress

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

1.

$$\begin{array}{r} 359 \\ \times 4 \\ \hline \end{array}$$

Answer: _____

2.

$$\begin{array}{r} 2753 \\ \times 6 \\ \hline \end{array}$$

Answer: _____

3.

$$\begin{array}{r} 76 \\ \times 15 \\ \hline \end{array}$$

Answer: _____



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



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(continued)

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

4.

$$5 \overline{)41}$$

Answer: _____

5.

$$6 \overline{)504}$$

Answer: _____

6.

$$5 \overline{)8,160}$$

Answer: _____



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



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(continued)

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

7.

$$\frac{2}{3} \quad \text{—} \quad \frac{3}{5}$$

Answer: _____

8.

$$\frac{3}{4} \quad \text{—} \quad \frac{5}{6}$$

Answer: _____

9.

$$\frac{2}{5} \quad \text{—} \quad \frac{8}{20}$$

Answer: _____



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



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(continued)

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

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

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

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

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

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

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?

$3\frac{1}{3}$

$4\frac{2}{3}$

$4\frac{1}{3}$

$\frac{3}{13}$



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

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

13.

$$\begin{array}{r} 2 \frac{4}{5} \\ + 3 \frac{3}{5} \\ \hline \end{array}$$

Answer: _____

14.

$$\begin{array}{r} 4 \frac{5}{6} \\ - 1 \frac{4}{6} \\ \hline \end{array}$$

Answer: _____

15.

$$\begin{array}{r} 4 \frac{1}{7} \\ - 2 \frac{3}{7} \\ \hline \end{array}$$

Answer: _____



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



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(continued)

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

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

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

$\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$

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

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

17. Multiply:

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

$\frac{1}{15}$

$\frac{15}{1}$

$\frac{3}{5}$

$\frac{5}{3}$

18. Multiply:

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

$\frac{15}{6}$

$\frac{5}{18}$

$\frac{18}{5}$

$\frac{15}{18}$



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