

## 5<sup>th</sup> Grade Readiness Screener - Fall

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

**1.**

$$\begin{array}{r} 396 \\ \times 4 \\ \hline \end{array}$$

Answer: \_\_\_\_\_

**2.**

$$\begin{array}{r} 3572 \\ \times 6 \\ \hline \end{array}$$

Answer: \_\_\_\_\_

**3.**

$$\begin{array}{r} 64 \\ \times 13 \\ \hline \end{array}$$

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.

$$4 \overline{)29}$$

Answer: \_\_\_\_\_

5.

$$7 \overline{)406}$$

Answer: \_\_\_\_\_

6.

$$5 \overline{)8,710}$$

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.

$$\frac{3}{5} \quad \text{—} \quad \frac{4}{9}$$

Answer: \_\_\_\_\_

8.

$$\frac{2}{3} \quad \text{—} \quad \frac{6}{9}$$

Answer: \_\_\_\_\_

9.

$$\frac{3}{4} \quad \text{—} \quad \frac{5}{7}$$

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

$4 \times \frac{2}{3}$

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

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

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

**11.** The mixed number  $3\frac{4}{5}$  is equivalent to which fraction?

$\frac{19}{5}$

$\frac{19}{4}$

$\frac{12}{5}$

$\frac{11}{4}$

**12.** The improper fraction  $\frac{9}{4}$  is equivalent to which mixed number or fraction?

$1\frac{1}{4}$

$1\frac{2}{4}$

$2\frac{1}{4}$

$\frac{4}{9}$



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

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

**13.**

$$4 \frac{2}{3}$$

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

\_\_\_\_\_

Answer: \_\_\_\_\_

**14.**

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

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

\_\_\_\_\_

Answer: \_\_\_\_\_

**15.**

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

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

\_\_\_\_\_

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

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

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

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

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

17. Multiply:

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

$\frac{1}{12}$

$\frac{12}{1}$

$\frac{3}{4}$

$\frac{4}{3}$

18. Multiply:

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

$\frac{20}{6}$

$\frac{5}{24}$

$\frac{24}{5}$

$\frac{20}{24}$



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