

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

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

1.

$$\begin{array}{r} 327 \\ \times 6 \\ \hline \end{array}$$

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

2.

$$\begin{array}{r} 5274 \\ \times 3 \\ \hline \end{array}$$

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

3.

$$\begin{array}{r} 75 \\ \times 13 \\ \hline \end{array}$$

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.

$$7 \overline{)30}$$

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

5.

$$7 \overline{)602}$$

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

6.

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

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.

$$\frac{2}{3} \quad \text{—} \quad \frac{3}{8}$$

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

8.

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

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

9.

$$\frac{3}{7} \quad \text{—} \quad \frac{4}{9}$$

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  $4\frac{1}{2}$  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?

$\frac{3}{14}$

$4\frac{1}{3}$

$4\frac{2}{3}$

$3\frac{2}{3}$



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



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(continued)

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

13.

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

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

14.

$$\begin{array}{r} 6 \frac{2}{3} \\ - 4 \frac{1}{3} \\ \hline \end{array}$$

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

15.

$$\begin{array}{r} 7 \frac{2}{5} \\ - 2 \frac{4}{5} \\ \hline \end{array}$$

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



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

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

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

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

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

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

$\frac{2}{3} \times \frac{1}{4}$

**17.** Multiply:

$$5 \times \frac{1}{4}$$

$\frac{5}{4}$

$\frac{4}{5}$

$\frac{1}{20}$

$\frac{20}{1}$

**18.** Multiply:

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

$\frac{4}{15}$

$\frac{12}{5}$

$\frac{12}{15}$

$\frac{15}{4}$



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