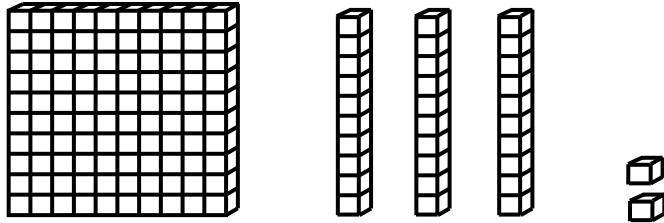


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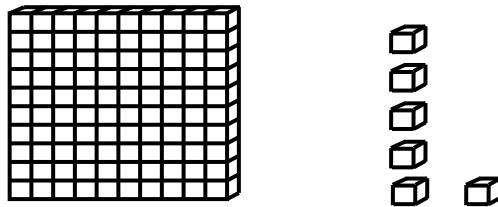
Questions 1-3: Find the number shown by the base ten blocks.

1.



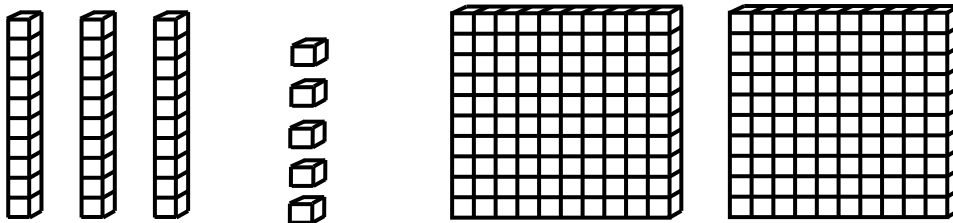
Answer: \_\_\_\_\_

2.



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

3.



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



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 4-6: Mentally add and subtract by 10 or 100.

4.

$$836 + 100$$

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

5.

$$705 - 10$$

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

6.

$$628 - 100$$

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



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



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(continued)

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

7.

$$386 \text{ \_\_\_ } 391$$

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

8.

$$752 \text{ \_\_\_ } 748$$

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

9.

$$603 \text{ \_\_\_ } 599$$

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



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 10-12: Add the numbers.

**10.**

$$\begin{array}{r} 65 \\ + 14 \\ \hline \end{array}$$

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

**11.**

$$57 + 29 = \underline{\hspace{2cm}}$$

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

**12.**

$$\begin{array}{r} 74 \\ + 62 \\ \hline \end{array}$$

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



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

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Number Correct = \_\_\_\_\_



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 13-15: Add the multi-digit numbers.

**13.**

$$\begin{array}{r} 361 \\ + 235 \\ \hline \end{array}$$

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

**14.**

$$528 + 364 = \underline{\hspace{2cm}}$$

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

**15.**

$$\begin{array}{r} 259 \\ + 487 \\ \hline \end{array}$$

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



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 16-18: Subtract the numbers.

**16.**

$$\begin{array}{r} 78 \\ -25 \\ \hline \end{array}$$

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

**17.**

$$52 - 34 = \underline{\hspace{2cm}}$$

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

**18.**

$$\begin{array}{r} 70 \\ -18 \\ \hline \end{array}$$

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



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 19-21: Subtract the multi-digit numbers.

**19.**

$$\begin{array}{r} 800 \\ -183 \\ \hline \end{array}$$

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

**20.**

$$746 - 385 = \underline{\hspace{2cm}}$$

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

**21.**

$$\begin{array}{r} 645 \\ -297 \\ \hline \end{array}$$

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



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

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Number Correct = \_\_\_\_\_

# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 22-24: Find the fraction.

22. Which fraction has a denominator of 2 and a numerator of 3?



$\frac{2}{5}$



$\frac{3}{5}$

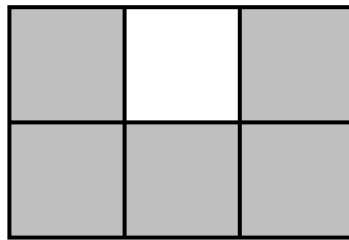


$\frac{3}{2}$



$\frac{2}{3}$

23. Each section of the square below is the same size.  
What fractional part of the square appears to be shaded?



$\frac{1}{6}$



$\frac{5}{6}$

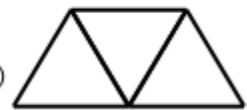
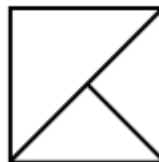
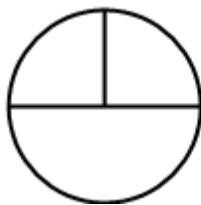
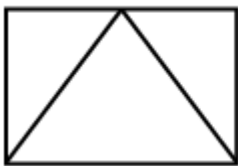


$\frac{1}{5}$



$\frac{5}{1}$

24. Which diagram appears to show fractional parts of  $\frac{1}{3}$  ?



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

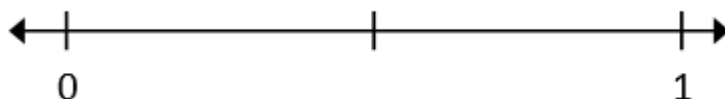


# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

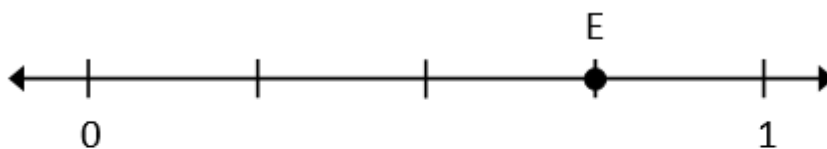
Questions 25-27: Find the fractional parts on the number line.

25. What is the name of each equal part between 0 and 1?



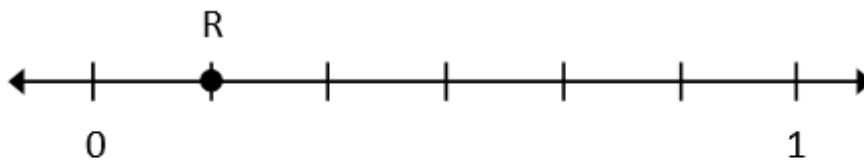
- Halves     
  Thirds     
  Fourths     
  Fifths

26. What fraction is shown by point E?



- $\frac{4}{5}$      
   $\frac{3}{5}$      
   $\frac{3}{4}$      
   $\frac{3}{1}$

27. What fraction is shown by point R?



- $\frac{1}{7}$      
   $\frac{2}{7}$      
   $\frac{2}{6}$      
   $\frac{1}{6}$



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

Questions 28-30: Compare the fractions. (>, <, =)

28.

$$\frac{4}{5} \quad \underline{\hspace{1cm}} \quad \frac{3}{5}$$

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

29.

$$\frac{1}{3} \quad \underline{\hspace{1cm}} \quad \frac{1}{5}$$

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

30.

$$\frac{5}{7} \quad \underline{\hspace{1cm}} \quad \frac{5}{6}$$

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



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

**Question 31.** When you are told to begin, answer as many as you can in 1 minute.

$7 + 5 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$8 + 6 = \underline{\quad}$

$9 + 3 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$8 + 5 = \underline{\quad}$

$9 + 6 = \underline{\quad}$

$7 + 7 = \underline{\quad}$



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

**Question 32.** When you are told to begin, answer as many as you can in 1 minute.

$13 - 5 = \underline{\quad}$

$16 - 9 = \underline{\quad}$

$11 - 2 = \underline{\quad}$

$12 - 6 = \underline{\quad}$

$11 - 7 = \underline{\quad}$

$15 - 8 = \underline{\quad}$

$14 - 5 = \underline{\quad}$

$13 - 9 = \underline{\quad}$

$12 - 9 = \underline{\quad}$

$16 - 8 = \underline{\quad}$

$12 - 3 = \underline{\quad}$

$11 - 8 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

$15 - 6 = \underline{\quad}$



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

**Questions 33:** When you are told to begin, answer as many as you can in 1 minute.

$5 \times 10 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$4 \times 2 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$7 \times 0 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$9 \times 7 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$1 \times 8 = \underline{\quad}$



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



# 5<sup>th</sup> Grade Tier 3 Screener - Spring

(continued)

**Questions 34:** When you are told to begin, answer as many as you can in 1 minute.

$28 \div 7 = \underline{\quad}$

$64 \div 8 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

$36 \div 4 = \underline{\quad}$

$40 \div 8 = \underline{\quad}$

$72 \div 9 = \underline{\quad}$

$18 \div 6 = \underline{\quad}$

$28 \div 4 = \underline{\quad}$

$54 \div 6 = \underline{\quad}$

$50 \div 10 = \underline{\quad}$

$24 \div 3 = \underline{\quad}$

$42 \div 6 = \underline{\quad}$

$10 \div 2 = \underline{\quad}$

$30 \div 5 = \underline{\quad}$



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