

## 5<sup>th</sup> Grade Essential Skills

1	Determine the value of a digit in a decimal number to thousandths
2	Order decimal numbers of differing places to thousandths in ascending or descending order
3	Add decimal numbers and whole numbers
4	Subtract two decimal numbers of differing places to thousandths
5	Subtract a decimal number from a whole number or a whole number from a decimal number
6	WP: Add or subtract a decimal number through thousandths and a whole number
7	WP: Add or subtract decimal numbers through thousandths
8	Multiply a money amount by a 2- or 3-digit whole number
9	WP: Multiply a money amount by a 2-digit whole number
10	WP: Multiply a decimal through thousandths by 10, 100, or 1,000
11	WP: Estimate a product of two whole numbers using any method
12	WP: Divide a whole number, with no remainder
13	WP: Divide a whole number and interpret the remainder
14	WP: Estimate a quotient using any method
15	Divide a multi-digit whole number by a 2-digit whole number and express the quotient as a mixed number
16	WP: Solve a 2-step problem involving whole numbers
17	Classify a triangle by its sides and angles
18	Relate a polygon to attributes or characteristics
19	Determine the mode from a graph
20	Determine the range from a graph

<b>21</b>	Determine the median of an odd number of data values
<b>22</b>	Determine the mean of a set of whole number data, whole number results
<b>23</b>	Convert a fraction with a denominator that is a factor of 10, 100, or 1,000 to decimal notation
<b>24</b>	Identify a pictorial model of tenths or hundredths of a decimal number
<b>25</b>	Identify a mixed number represented by a model
<b>26</b>	Identify a mixed number represented by a point on a number line
<b>27</b>	Identify an improper fraction represented by a model of a mixed number
<b>28</b>	Determine a set of equivalent fractions
<b>29</b>	Order fractions on a number line
<b>30</b>	Determine the decimal number equivalent to a fraction model
<b>31</b>	Convert a mixed number to an improper fraction
<b>32</b>	Convert an improper fraction to a mixed number
<b>33</b>	Determine the simplest form of a number
<b>34</b>	Convert a decimal number through thousandths to a simplified fraction
<b>35</b>	WP: Extend a line graph to solve a problem
<b>36</b>	Read a double- or stacked-bar graph
<b>37</b>	Answer a question using information from a double- or stacked-bar graph
<b>38</b>	Measure length to the nearest eighth of an inch
<b>39</b>	Evaluate a numerical expression involving three operations, with parentheses, using order of operations
<b>40</b>	WP: Add or subtract fractions with unlike denominators that have no factors in common
<b>41</b>	WP: Add or subtract mixed numbers with unlike denominators that have no factors in common

42	Round a fraction to a benchmark number of 0, $\frac{1}{2}$ , or 1
43	WP: Evaluate a 1-variable expression with one operation using a whole number value
44	Determine the perimeter of a polygon
45	WP: Determine the area of a rectangle
46	Estimate the area of an irregular polygon on a grid
47	Determine the ordered pair of a point in the first quadrant
48	Use a variable expression with one operation to represent a verbal expression
49	Generate a table of paired numbers based on a variable expression with two operations
50	Convert between inches, feet, and yards
51	Convert between millimeters or centimeters and meters, or meters and kilometers using decimal amounts
52	Determine an appropriate unit of measure
53	Determine the volume of an object composed of rectangular prisms by counting units
54	Determine the volume of a rectangular prism given a diagram
55	Determine the number of faces, edges, and vertices in a 3-dimensional shape
56	Determine the 3-dimensional shape that can be formed from a net
57	Determine the surface area of a cube or a rectangular prism given a net