





## Minute in which SKILL FIRST APPEARS <br> SKILL

SKILL
Place Value
1
Fractions, Decimals, and Percents
(ordering, comparing, recognizing)
Fractions (naming, identifying, comparing,
reducing)
Graphs (bar, line, circle, frequency charts)
Patterns/Sequences
Computation (add, subtract, multiply, divide)
Area of Shapes
Simple Probability and Odds
Simple Geometry and Shape Recognition
Venn Diagrams
Symmetry
22
1 Working with Rows and Columns 22
Fractions (mixed and improper) 26
Geometry (circles/radii/diameters/hypotenuse) 27
Estimation 41
Multiples 42
Bar Notation 44
Factors and Factor Trees 47
Geometry (angles and degrees in a triangle) 51
Squares, Square Roots, and Exponents 51
Simple Permutations and Combinations 52
Perimeter
Time (clock, calendar) 3 Number Lines 54
Spatial Reasoning 3 Primes 55
Story Problems and Reasoning
Solving Two-Step Equations 57
Analogies 57
Decimals (expressing, addition, subtraction, multiplication, division)
4 Coordinate Graphs (quadrants, graphing,
5 points, lines, distance)
Number Sense/Reasonable Answers
5
Geometry (congruent/similar/shapes/yertices/
Integers (add, subtract, multiply, divide) 63
sides/degrees, vocabulary)
5
Simple Algebraic Expressions/Substitutions
Money
7

Rounding
8
Simple Functions
9

Solving Simple Equations 11
Volume (boxes) 11
Ratios 12
Changing Fractions, Decimals, and Percents 14
Order of Operations 17
Fractions (add, subtract, multiply, divide) 19


Absolute Value 66
Midpoints 70
Solutions to Inequalities 78
Greatest Common Factor 83
Mean 85

2. Circle the set of lines that are parallel.

3. Write these decimals in order from least to greatest.
$\qquad$
$\qquad$ $\longrightarrow$
4. Write the fraction that represents the shaded boxes.

$\qquad$
5. $5+\square=12$
6. Complete the pattern: $1,5,9,13$,
7. What is the area (number of squares) in the rectangle to the right?

8. According to the chart, how many desks are in column A?

a. $9 \times 7=$
$9 \times 9=$
10.
7) $\longdiv { 2 8 } =$
$7 \longdiv { 4 2 } =$
$7 \longdiv { 6 3 } =$
a. 10
b. 5
c. 2
d. impossible to tell
2. Which shape is a pentagon?
a.

b.

c.

d.

3. Write the fraction for each:

Two-fifths = $\qquad$
Three-fourths = $\qquad$
4. Write the fraction that represents the shaded boxes.

5. $3 \times 4+4=$
6. Complete the pattern: $4,8,12,16$,
7. What is the perimeter (distance around) of the rectangle to the right

9. $8 \cdot 6=$
$8 \cdot 4=$
$8 \cdot 7=$
10. $\frac{24}{6}=$
$\frac{36}{6}=$
$\frac{18}{6}=$

