

Figure 1

In figure 1, Dan's highest priorities are Computation and Algebra & Functions. Measurement would be his lowest priority.

Step 1

Look under the heading, "Mathematics Goal Performance." Prioritize your child's highest needs areas using the following key.

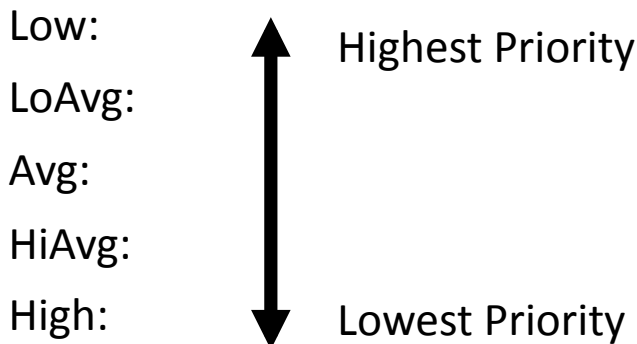


Figure 2

The screenshot shows the IXL website interface. At the top, there is a navigation bar with the IXL logo, a search bar, and links for 'Tell a friend', 'User guides', and 'Help'. Below the navigation bar, there are tabs for 'Practice', 'Reports', 'Awards', 'State Standards', and 'Membership'. The main content area is titled 'Practice >> Seventh grade'. On the left side, there is a vertical menu with 'Grades' and 'Topics' sections. The 'Grades' section lists levels from Pre-K to Algebra, with 'Seventh grade' highlighted in a red circle. The main content area contains a list of skills for seventh grade, organized into two columns. The skills are categorized by difficulty level: NS (Number Sense), C (Computation), AF (Algebra & Functions), SDP (Stats/Data/Probability), and PS (Problem Solving).

Practice >> Seventh grade

Here is a list of all of the skills students learn in seventh grade! The skills are organized into categories, and you can move your mouse over any skill name to see a sample question. To start practicing, just click on any link. IXL will track your score, and the questions will even increase in difficulty as you improve!

Number theory – NS	Measurement – M
Decimal numbers – NS	Charts and graphs – SDP
Operations with decimals – C	Geometry – G
Integers – NS	Transformations – G
Operations with integers – C	Pythagorean theorem – G
Fractions and mixed numbers – NS	Coordinate graphs – AF
Operations with fractions – C	Number sequences – AF
Rational numbers – NS, C	Variable expressions – AF
Exponents and square roots – NS, C	Single variable equations – AF
Ratios and proportions – NS, C	Inequalities – AF
Percents – NS, C	Linear functions – AF
Consumer math – C, PS	Properties – AF
Problem solving and estimation – NS, PS	Probability – SDP
	Statistics - SDP

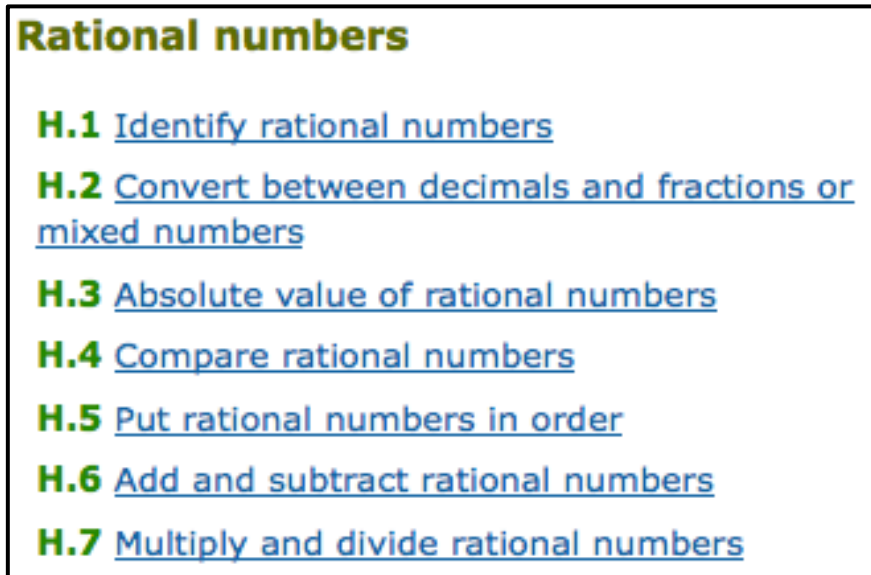
Step 2

Reference the areas that you and your child prioritized and need to work on to improve. Use the following key to determine which skills your child should be practicing on ixl.com.

- Number Sense-NS
- Computation-C
- Algebra & Functions-AF
- Geometry-G
- Measurement-M
- Stats/Data/Probability-SDP
- Problem Solving-PS

In figure 2, Dan would first work on those problems under the skills on ixl.com that have a “C” and an “AF” next to the skill. For example, since the skill, “Rational numbers,” has a “C” next to it, Dan could practice problems within that skill category.

Figure 3



Step 3

Your child should be working on problems in each skill category, starting from the top and working his/her way down. In figure 3, Dan would work on problems in “H.1 Identify rational numbers,” first. He would work his way down and finish with problems in “H.7 Multiply and divide rational numbers.”