

Math Summer Work for incoming grade 8

1. **Khan Academy:** Add this class code: **STXW3PTJ**

Work on Unit 1: (1.5 hours)
Lesson on Repeating decimals

- [8.NS.A](#)
Converting a fraction to a repeating decimal
Watch Video · 4 minutes
- [8.NS.A.1](#)
Writing fractions as repeating decimals
Do Exercise · 7 questions
- [8.NS.A.1](#)
Converting repeating decimals to fractions (part 1 of 2)
Video · 4 minutes
- [8.NS.A.1](#)
Converting repeating decimals to fractions
Exercise · 7 questions
- [8.NS.A.1](#)
Converting repeating decimals to fractions (part 2 of 2)
Video · 9 minutes
- [8.NS.A.1](#)
Converting multi-digit repeating decimals to fractions
Exercise · 4 questions
- [8.NS.A.1](#)
Writing repeating decimals as fractions review
Article
- [8.NS.A.1](#)
Writing fractions as repeating decimals review
Article

Check in

2. **Ixl: grade 7:** **Problem solving and estimation (40 minutes)**

1. [N.1 Estimate to solve word problems](#)
2. [N.2 Multi-step word problems](#)

3. REAL WORLD:

Find a package of food in your house and draw the nutritional label on a whole sheet of paper (big). Make it fill the page. Here is an example from a box of spaghetti.

Nutrition Facts		Amount/Serving	% DV *	Amount/Serving	% DV *
8 servings per container		Total Fat 0.5g	1%	Total Carb. 31g	11%
Serv. Size 2 oz (57g)		Sat. Fat 0g	0%	Fiber 3g	10%
		Trans Fat 0g		Total Sugars 0g	
		Cholest. 0mg	0%	Incl. 0g Added Sugars	0%
Calories 160 per serving		Sodium 135mg	6%	Protein 7g	
		Vitamin D 0mcg 0% • Calcium 20mg 2% • Iron 1.9mg 10% Potassium 120mg 2%			