

CRAFTING With Care

Jonah Larson uses his skill with yarn to raise money to help others

Jonah crocheted this scarf out of yarn.

When Jonah Larson was 5 years old, he found a strange tool inside his aunt's bag of craft supplies. It was a crochet (*kroh-SHAY*) hook—a long, thin tool used to create fabric out of connected loops. Jonah watched a video on how to crochet. An hour later, he'd created his first dishcloth!

Jonah was hooked. He learned how to follow patterns and crochet all sorts of items, from hats to blankets. Since then, Jonah has grown his hobby into a business. The 12-year-old runs his own YouTube channel, offering crochet video tutorials and reviews. He also sells T-shirts, pattern books, and his crocheted creations through his company, Jonah's Hands.

Jonah didn't create Jonah's Hands just to sell his projects. He also crochets to help others. Jonah lives in Wisconsin. He was born in Ethiopia, where his parents adopted him when

he was a baby. To support the village where he's from, Jonah partners with a nonprofit organization called Roots Ethiopia.

Through Roots Ethiopia, Jonah has funded the construction of a library and science lab. He's used donations from his crochet fans around the world to help stock the library with books and to train its workers. When Jonah's efforts to stock the science lab are done, he plans to move on to funding outdoor athletic equipment.

"I have a very active mind that can fit a lot of things," says Jonah. Crocheting is one way he can focus his energy to make a positive impact. "It makes you feel so good," Jonah says. "It makes you want to give more."

—Jessica McKenna-Ratjen



Jonah uses a crochet hook to make objects using yarn, like these baskets.



FRACTIONS OF A SET

What to Do

A **fraction** represents a whole divided into parts. Sometimes the whole represents a **set**, or group of objects. In working with fractions of a set, the **denominator** (bottom number of the fraction) represents the total number of objects in the set. The **numerator** (top number of the fraction) represents a specific number of those objects.

Example: What fraction of the yarn balls below are white?



▶ First, count the total number of yarn balls in the set. Write this number as your denominator.

$\frac{\quad}{3}$
denominator

▶ Next, count the number of yarn balls that are white. Write this number as your numerator.

$\frac{2}{3}$
numerator

So $\frac{2}{3}$ of the yarn balls are white.

Now You Try It: Use your knowledge of fractions to answer the questions below.

1A To make a tote bag, Jonah uses 2 balls of green yarn and 1 ball of blue yarn. Shade in the model to show how many of the yarn balls are blue.



1B How many yarn balls are in this set? To make a fraction, where would you write that number?

1C What fraction of the yarn balls are blue?

2A Jonah makes a scarf using red, brown, and purple yarn. He uses 2 balls of red yarn. He uses a total of 4 balls of yarn. Shade in the model to show the number of yarn balls that are red.



2B What fraction of the yarn balls are not red?

3 For a blanket, Jonah uses 3 yarn balls that are pink-and-orange striped. He uses 2 yarn balls that are white-and-yellow striped. Draw and

label a model to show what fraction of the yarn balls are pink-and-orange striped.

4 Jonah makes a checkered blanket out of 8 balls of yarn. He uses an equal number of white yarn balls and red yarn balls. The rest of the yarn balls are blue. List 3 fractions that could represent the fraction of blue yarn balls out of the total number of balls.



MATH TALK

What math questions would a crafter need to ask before starting a new crochet project?

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