RUN A SPORTS STORE

A REAL-LIFE MATH PROJECT

DECIMALS • MONEY • OPERATIONS • ESTIMATION • FRACTIONS • PATTERNS SINGLE VARIABLE EQUATIONS • VOLUME • AREA • AND MORE!



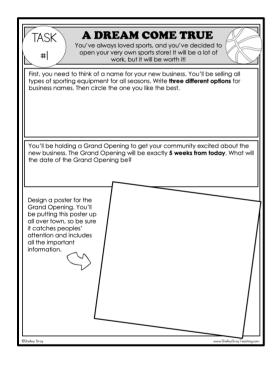
CREATED BY SHELLEY GRAY

about this resource

You've always loved sports, and you've decided to open your very own sports store! It will be a lot of work, but it will be worth it!

In this engaging, real-life math project, your students will work with all the processes involved in opening and running a sports store. Kids LOVE these projects because they are high interest, relevant, and help them see that math really is all around them!

Here's what's included in "Run a Sports Store."



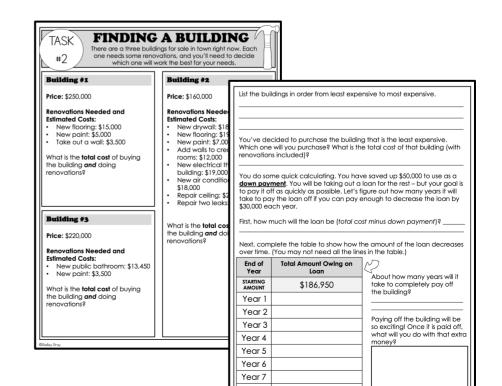
TASK #1: A DREAM COME TRUE

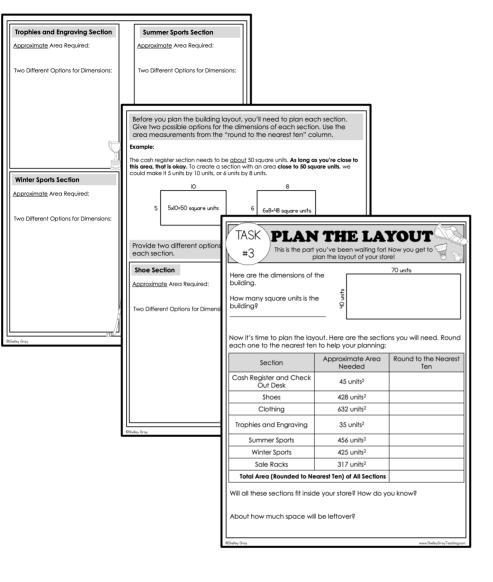
In this fun introductory task, students will brainstorm a name for their new business, set the open date, and design a poster to advertise.

TASK #2: FIND A BUILDING

There are three buildings for sale in town right now. Each one needs some renovations, and you'll need to decide which one will work the best for your needs.

Skills: addition/subtraction within 1,000,000, decreasing patterns





TASK #3: PLAN THE LAYOUT

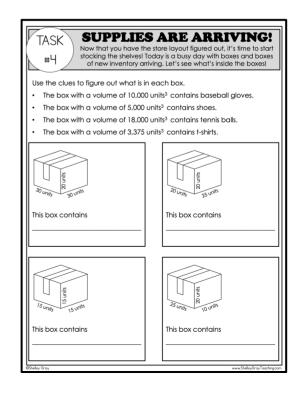
This is the part you've been waiting for! Now you get to plan the layout of your store!

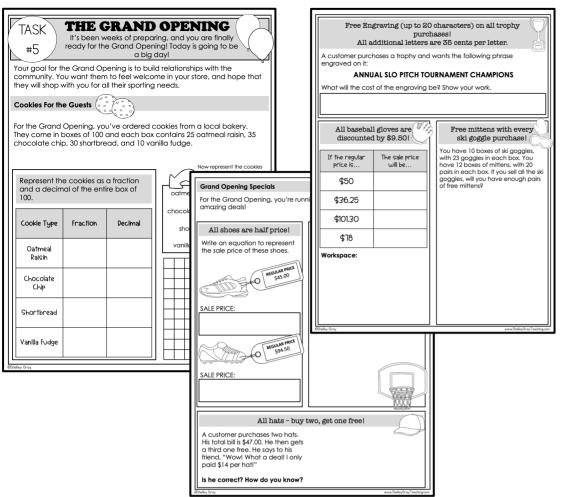
Skills: multiplication, area

TASK #4: SUPPLIES ARE ARRIVING!

Now that you have the store layout figured out, it's time to start stocking the shelves! Today is a busy day with boxes and boxes of new inventory arriving. Let's see what's inside the boxes!

Skills: volume





TASK #5: THE GRAND OPENING

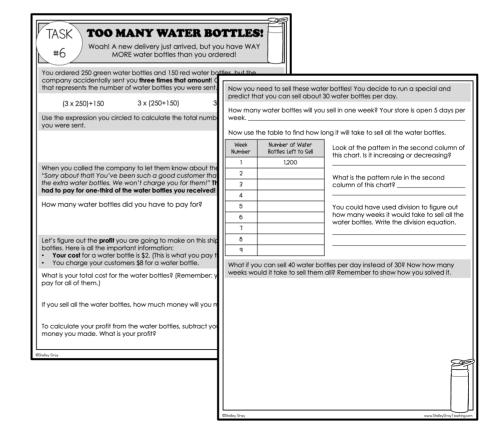
It's been weeks of preparing, and you are finally ready for the Grand Opening! Today is going to be a big day!

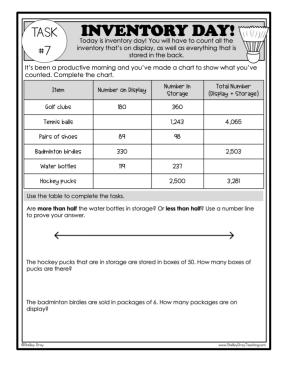
Skills: fractions, decimals, money, problem-solving, addition/subtraction

TASK #6: TOO MANY WATER BOTTLES

Woah! A new delivery just arrived, but you have WAY MORE water bottles than you ordered!

Skills: operations, decreasing patterns





TASK #7: INVENTORY DAY!

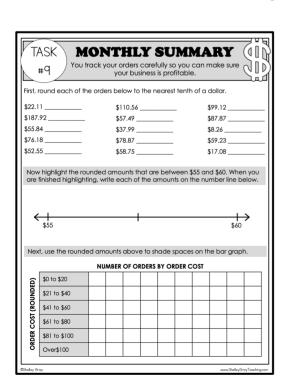
Today is inventory day! You will have to count all the inventory that's on display, as well as everything that is stored in the back.

Skills: basic operations

TASK #8: WORKING WITH PRICES

It has been a busy day at the store! Let's look at a few of the orders you've had today.

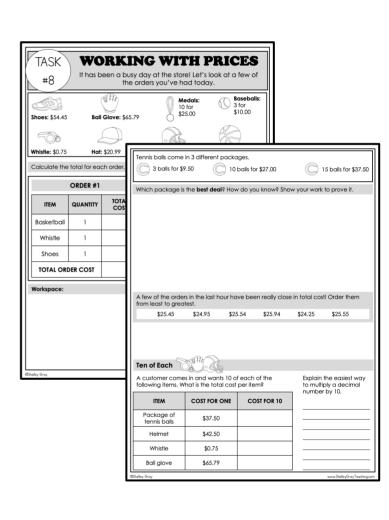
Skills: money, addition, ordering, multiplying a decimal number by 10

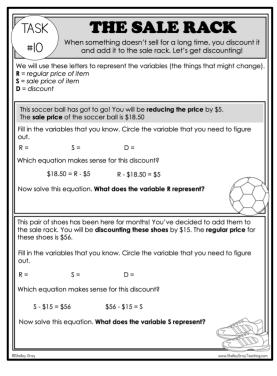


TASK #9: MONTHLY SUMMARY

You track your orders carefully so you can make sure your business is profitable.

Skills: rounding to nearest tenth, bar graphs





TASK #10: THE SALE RACK

When something doesn't sell for a long time, you discount it and add it to the sale rack. Let's get discounting!

Skills: single variable equations, operations

TASK #11: WRAP IT UP!

This project has taught you all about running your own sports store! Let's reflect.



digital version included

This math project is also included in a digital Google Slides format. The slides are optimized for digital use with text boxes, lots of color, and moveable pieces.

