



Hearts in Unity

Math Game Drawstring Bag

These drawstring bags are used to store sets of plastic caps which are used as math games / teaching aids for children in Tanzania, Africa. The finished bag, made of cotton or cotton/poly blend fabric, is 4-inch wide by 5-inch tall with a fabric drawstring closure.



1. Cut a 6.5-inch by 9-inch piece of cotton or cotton/polyester fabric.
2. Fold the fabric under 1/4-inch on the 9-inch side (see **1** on the pattern) and press.
3. Fold the fabric under an additional 1-inch on the 9-inch side (see **2** on the pattern) and press.
4. Unfold the fabric and use a scissors to make a 1/2-inch cut on each 6.5-inch side of the fabric (see **3** on the pattern).
5. Refold the fabric on line **1** and then on line **2**
6. Sew 1/8-inch from the edge of the fold **1** to form a casing for a drawstring.
7. Fold the fabric in half, right sides together (along the dotted line at **4** on the pattern).
8. Stitch the bag closed (along the dotted lines at **5** on the pattern) with a 1/2-inch seam, being sure to backstitch at each end of the stitching line for stitch security.
9. Turn the bag right-side out.
10. Cut a 14-inch piece of 1/2-inch wide bias tape for a drawstring.
11. Fold and press the bias tape in half lengthwise (to a 1/4-inch width).
12. Sew the bias tape drawstring together, along the length of the bias tape.
 - Alternatively, you can cut a 1-inch by 14-inch piece of fabric for the drawstring. Fold and press each long edge of the fabric under 1/4-inch, then fold and press the fabric piece in half lengthwise (to a 1/4-inch width) and stitch closed long the length of the fabric.
 - Another option is to use three 18-inch long pieces of yarn, loosely braided with ends knotted together.
 - Please do not substitute satin ribbon for the drawstring. The ribbon is too slippery to keep the bag
13. Attach a safety pin on one end of a 14-inch long piece of drawstring fabric and guide the safety pin with fabric through the casing from one opening through to the other opening.
14. Tie the ends of the drawstring together with an overhand knot (the type of knot used to tie a balloon closed) with the knot right next to the openings of the casing.
15. Trim the ends of the drawstring to 1/2-inch.

When completed, mail your fabric storage bags to Hearts in Unity, P.O. Box 41, Germantown, WI 53022 (or contact Hearts in Unity to make arrangements to drop off the bags).

Thank you for your help!

6.5-inch

9-inch

Hearts in Unity Drawstring Bag Pattern



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