

Grade: 4

Category: Fraction

Sub Category- Adding and subtracting fractions

Worksheet #: 38 Q

Mrs. Heartfilia is a tailor. She is checking her materials in stock at her shop.

- 1) From the boxes of square buttons in the cabinet, there were $2\frac{1}{8}$ boxes of buttons with 4 holes, and the rest had 2 holes. How many boxes of square buttons had 2 holes?
- 2) Mrs. Heartfilia needs to use $6\frac{2}{5}$ bolts of cotton fabric to make a bulk order of 220 branded t-shirts. There were $3\frac{4}{5}$ bolts of cotton fabric left in the tailoring shop. How many more bolts of cotton fabric does she need to complete the bulk order?

- 3) She found $8\frac{2}{5}$ feet of garter elastic and $6\frac{1}{5}$ feet of yarn in a cabinet. She used $5\frac{4}{5}$ feet of elastic for a dress ordered by her customer. How much garter elastic did Mrs. Heartfilia have left?
- 4) Mrs. Heartfilia's assistants are Snowy and April. Snowy can sew 3 identical dresses in $4\frac{5}{6}$ hours. April can do the same work in $5\frac{1}{6}$ hours. How much faster is Snowy than April in sewing the 3 dresses?

Grade: 4

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Worksheet #: 38 A

Mrs. Heartfilia is a tailor. She is checking her materials in stock at her shop.

- 1) From the boxes of square buttons in the cabinet, there were $2\frac{1}{8}$ boxes of buttons with 4 holes, and the rest had 2 holes. How many boxes of square buttons had 2 holes?

Answers:- $3\frac{3}{8} - 2\frac{1}{8} = 1\frac{2}{8}$ (or $1\frac{1}{4}$) There were $1\frac{1}{4}$ boxes of square buttons with 2 holes

- 2) Mrs. Heartfilia needs to use $6\frac{2}{5}$ bolts of cotton fabric to make a bulk order of 220 branded t-shirts. There were $3\frac{4}{5}$ bolts of cotton fabric left in the tailoring shop. How many more bolts of cotton fabric does she need to complete the bulk order?

Answers:- $6\frac{2}{5} - 3\frac{4}{5} = 2\frac{3}{5}$ Mrs. Cooper needs $2\frac{3}{5}$ more bolts of cotton fabric.

3) She found $8\frac{2}{5}$ feet of garter elastic and $6\frac{1}{5}$ feet of yarn in a cabinet. She used $5\frac{4}{5}$ feet of elastic for a dress ordered by her customer. How much garter elastic did Mrs. Heartfilia have left?

Answers:- $8\frac{2}{5} - 5\frac{4}{5} = 2\frac{3}{5}$ Mrs. Heartfilia has $2\frac{3}{5}$ feet of garter elastic left.

4) Mrs. Heartfilia's assistants are Snowy and April. Snowy can sew 3 identical dresses in $4\frac{5}{6}$ hours. April can do the same work in $5\frac{1}{6}$ hours. How much faster is Snowy than April in sewing the 3 dresses?

Answers:- $5\frac{1}{6} - 4\frac{5}{6} = \frac{2}{6}$ (or $\frac{1}{3}$) Snowy is $\frac{1}{3}$ hours faster than April.