

Dividing Fractions Word Problems

- 1) A wholesale supplier carried files weighing $23\frac{3}{4}$ pounds to a retail store. If he packs them into bags of $2\frac{3}{4}$ pounds each, how many bags are there?

- 2) Derek painted $8\frac{2}{3}$ square yards of his wall in $2\frac{3}{5}$ hours. How many square yards did he paint in an hour?

- 3) Justin had $58\frac{4}{5}$ yards of ribbon. If he divided them into lengths of $4\frac{1}{5}$ yards, how many such lengths were there?

- 4) Spencer has $8\frac{3}{4}$ pounds of chicken nuggets. If he has them in packs of $1\frac{1}{3}$ pounds, how many packs will be there?

- 5) Anna made $25\frac{1}{2}$ chocolate bars, which she packed in bags. If each bag contained $4\frac{1}{4}$ bars, how many goodie bags were there?

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Answer Key

- 1) A wholesale supplier carried files weighing $23\frac{3}{4}$ pounds to a retail store. If he packs them into bags of $2\frac{3}{4}$ pounds each, how many bags are there?

$\frac{95}{11}$ or $8\frac{7}{11}$ bags

- 2) Derek painted $8\frac{2}{3}$ square yards of his wall in $2\frac{3}{5}$ hours. How many square yards did he paint in an hour?

$\frac{10}{3}$ or $3\frac{1}{3}$ square yards

- 3) Justin had $58\frac{4}{5}$ yards of ribbon. If he divided them into lengths of $4\frac{1}{5}$ yards, how many such lengths were there?

14 lengths

- 4) Spencer has $8\frac{3}{4}$ pounds of chicken nuggets. If he has them in packs of $1\frac{1}{3}$ pounds, how many packs will be there?

$\frac{105}{16}$ or $6\frac{9}{16}$ packs

- 5) Anna made $25\frac{1}{2}$ chocolate bars, which she packed in bags. If each bag contained $4\frac{1}{4}$ bars, how many goodie bags were there?

6 bags
