Divide Fractions Word Problems Worksheets

1. 4 loads of stone weigh $\frac{2}{3}$ ton. Find the weight of 1 load of stone.

2. What is the width of a rectangle with an area of $\frac{5}{8}$ in^2 and a length of 10 inches?

3. Lenox ironed $\frac{1}{4}$ of the shirts over the weekend. She plans to split the remainder of the work equally over the next 5 evenings. What fraction of the shirts will Lenox iron each day after school?

4. Bo paid bills with $\frac{1}{2}$ of his paycheck. The rest of his paycheck he divided equally among the college accounts of his 3 children. What fraction of his paycheck went into each child's account?

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1. 4 loads of stone weigh $\frac{2}{3}$ ton. Find the weight of 1 load of stone.

$$\frac{2}{3} \div 4 = \frac{1}{6}$$

2. What is the width of a rectangle with an area of $\frac{5}{8}$ in^2 and a length of 10 inches?

$$\frac{5}{8} \div 10 = \frac{5}{8} \times \frac{1}{10} = \frac{1}{16}$$

3. Lenox ironed $\frac{1}{4}$ of the shirts over the weekend. She plans to split the remainder of the work equally over the next 5 evenings. What fraction of the shirts will Lenox iron each day after school?

$$\frac{1}{4} \div 5 = \frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$$

4. Bo paid bills with $\frac{1}{2}$ of his paycheck. The rest of his paycheck he divided equally among the college accounts of his 3 children. What fraction of his paycheck went into each child's account?

$$\frac{1}{2} \div 3 = \frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$