Fraction Divided by Whole - Problem Set

Find the value of each of the following in its simplest form.

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| * 1. $\frac{1}{3}÷4$
 | * 1. $\frac{2}{5}÷4$
 | * 1. $\frac{4}{7}÷4$
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| * 1. $\frac{2}{5}÷3$
 | * 1. $\frac{5}{6}÷5 $
 | * 1. $\frac{5}{8}÷10$
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| * 1. $\frac{6}{7}÷3$
 | * 1. $\frac{10}{8}÷5 $
 | * 1. $\frac{20}{6}÷2$
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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.
	1. What fraction of the shirts will Lenox iron each day after school?
	2. If Lenox has $40$ shirts, how many shirts will she need to iron on Thursday and Friday?
4. Bo paid bills with $\frac{1}{2}$ of his paycheck and put $\frac{1}{5}$ of the remainder in savings. The rest of his paycheck he divided equally among the college accounts of his $3$ children.
	1. What fraction of his paycheck went into each child’s account?
	2. If Bo deposited $\$400$ in each child’s account, how much money was in Bo’s original paycheck?