2 If 4 men can remove $\frac{1}{6}$ of a heap of stones in $\frac{5}{12}$ of a day, how many men will be needed to remove the whole heap in $\frac{1}{3}$ of a day?

d

5

e

0

a

1

1

8. A boy agrees to carry 30 glasses to a certain store for 8 cents a piece, on condition that for each cre he broke he should forfeit 12 cents; he received \$1.40: How many did he break ?

4. A mixture of black and green tea weighing 7 lbs. is worth \$3.90; if the proportions of each are interchanged the mixture will be worth \$3.80; the black tea is worth 60 cents per lb.: find the price of the green tea.

5. A gardener has an oblong plot of ground 20_6^5 ft. long by $12\frac{1}{2}$ ft. wide, which he wishes divided into square lots of the largest size possible: how many lots will he have?

6. A greeer bought 16 bushels of potatoes; the good at 40 cents a bushel, and the bad at 25 cents. The whole ccst \$5.35 : how many bushels were good ?

7. A rope 34 feet in length was broken, so that $\frac{3}{4}$ of the length of the longer piece was equal to $\frac{3}{4}$ of the length of the shorter: what was the length of each pic:3?

8. A cat is 40 leaps ahead of a dog, and takes 7 leaps to the dog's 4, but 3 of the dog's leaps are equal to 6 of the cat's: how many leaps will the cat take before being caught?

9. Mary meeting some beggars gave each 6 cents, and had 25 cents remaining; had she given each 8 cents, she would have had 3 cents left: how many beggars were there 1

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