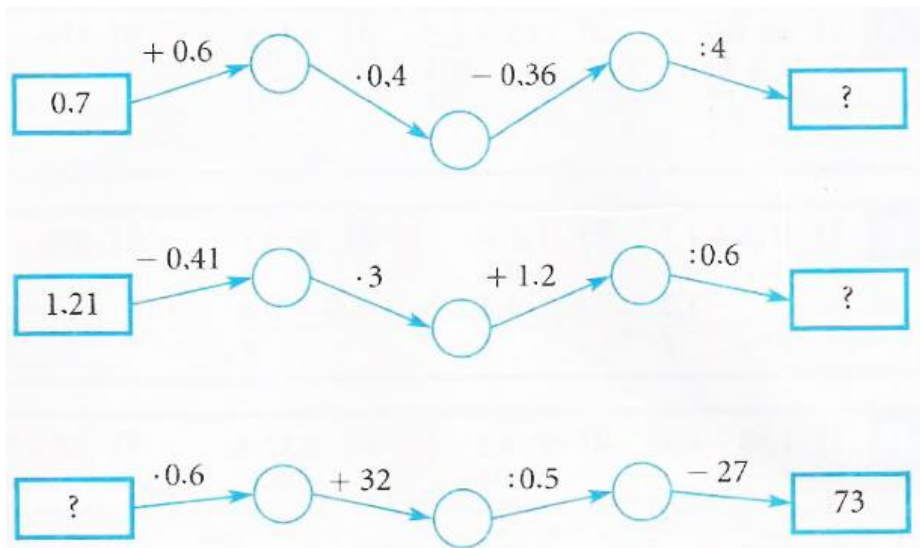


Math 4a. Homework 16.

- In a department store, there is a sale of 25% off on everything. How much does the dress cost if its price before sale was \$80? How much this dress will cost if an additional sale of 30% of will be applied?
- Aunt Sally asked Tom Sawyer to paint $\frac{2}{5}$ of the whole fence. He asked his friend Ben Rogers to help him and Ben painted $\frac{1}{4}$ of that part of the fence. What is the length of the fence if Ben painted $2\frac{1}{2}$ m.



- What number should be placed instead of “?”.



- Draw the segment $|AB| = 6\text{cm}$. Mark the point C in such a way that

a) $\frac{AC}{BC} = 1$; b) $\frac{AC}{BC} < 1$; c) $\frac{AC}{BC} > 1$; d) $\frac{AC}{BC} = 2$.



- Robert has 2 dogs, one weighs 9 kg and another is 3 kg. He bought a bag of dog food and wants to divide the food between dogs with the same ratio as their weights. How many kilogram of dog food each dog will get if the weight of the whole bag of food is 8 kg.



6. Find

a) 1% from 100

b) 7% from 200

c) 100% from 49

d) 1% from 300

e) 20% from 15

f) 120% from 250

g) 5% from 50

h) 25% from 48

i) 200% from 300

7. Cut squares and combine the figures below.

