

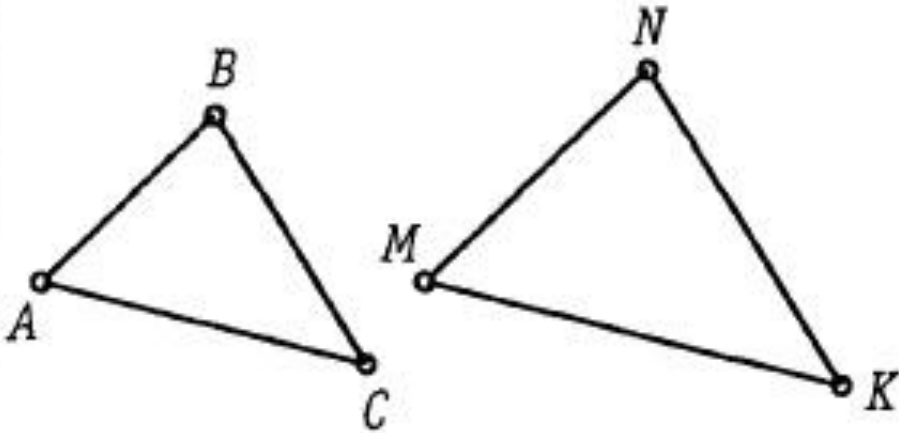
8 класс

Домашнее задание

Практикум решения задач по готовым чертежам

13.12.19

17



$$\Delta ABC \sim \Delta MNK$$

$$P_{\Delta ABC} : P_{\Delta MNK} = 2 : 3$$

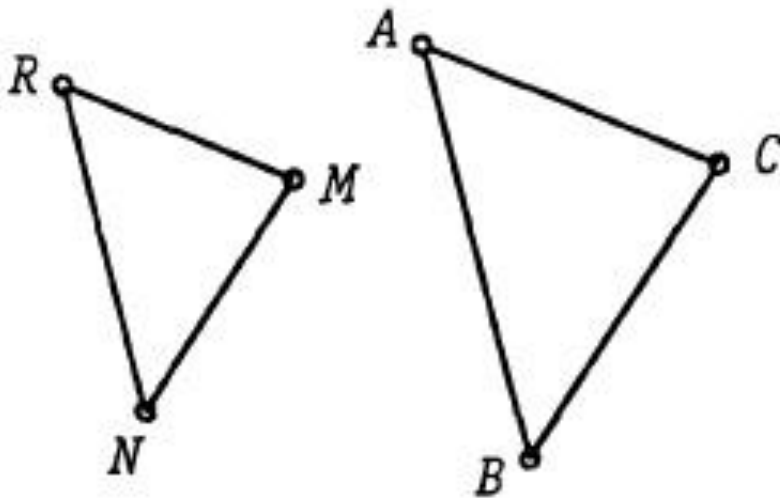
$$S_{\Delta ABC} + S_{\Delta MNK} = 130 \text{ m}^2$$

$$S_{\Delta ABC} = x$$

$$S_{\Delta MNK} = y$$

1

18



$$\Delta RMN \sim \Delta ACB$$

$$S_{\Delta RMN} = 18 \text{ m}^2$$

$$S_{\Delta ACB} = 32 \text{ m}^2$$

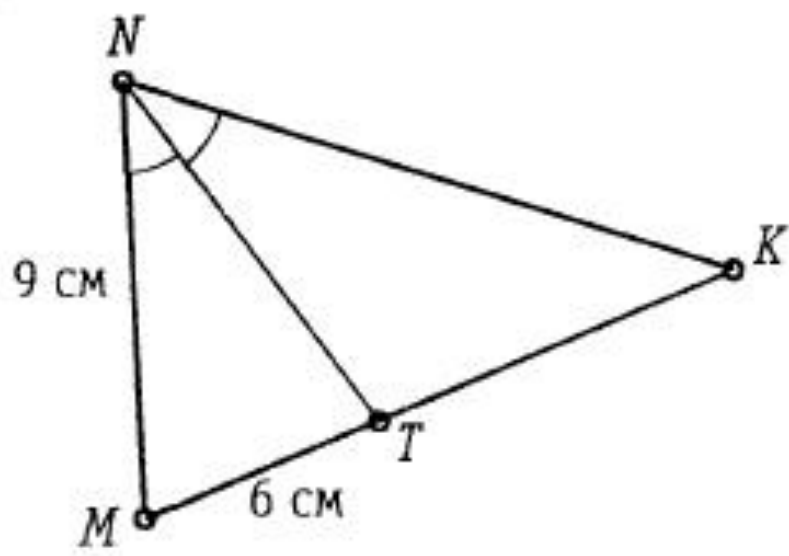
$$P_{\Delta RMN} + P_{\Delta ACB} = 91 \text{ m}$$

$$P_{\Delta RMN} = x$$

$$P_{\Delta ACB} = y$$

2

33

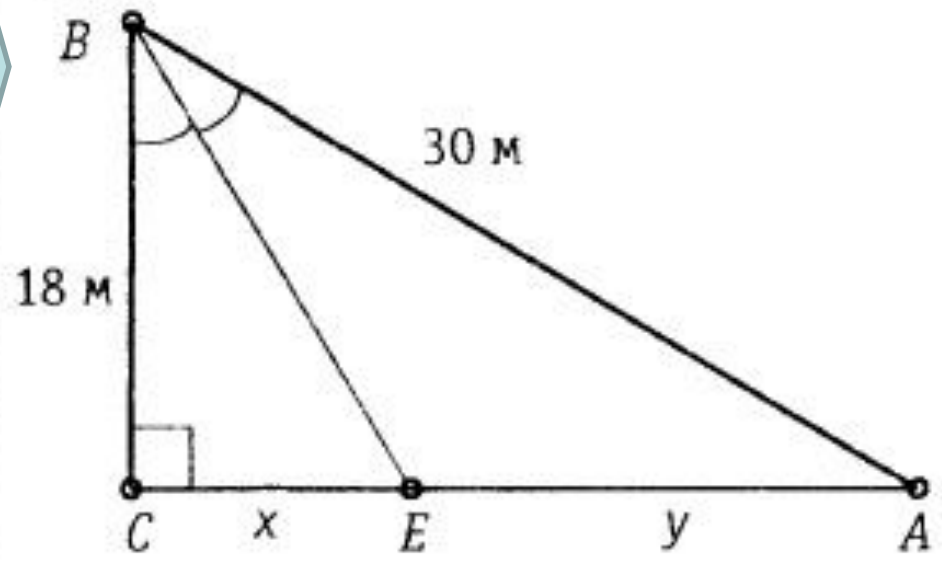


$$NK = MK$$

$$P_{\Delta NTK} = x$$

1

34

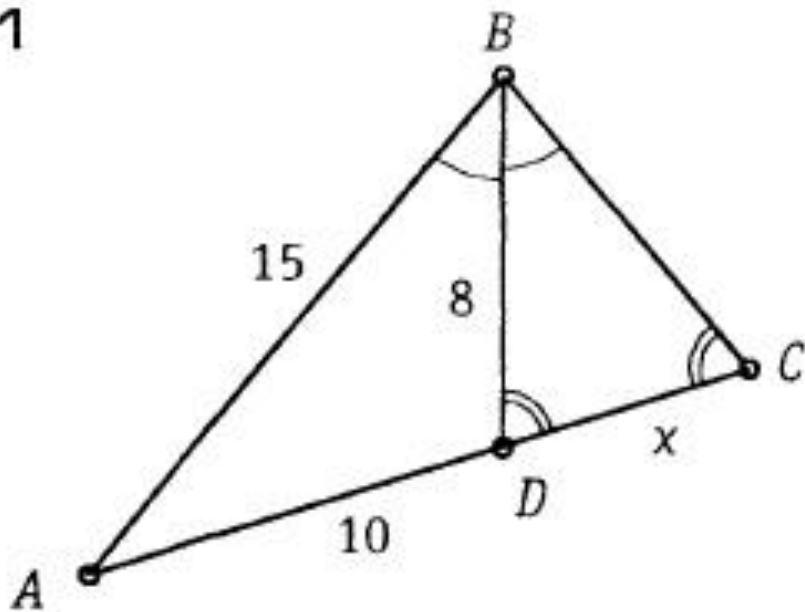


$$CE = x$$

$$AE = y$$

2

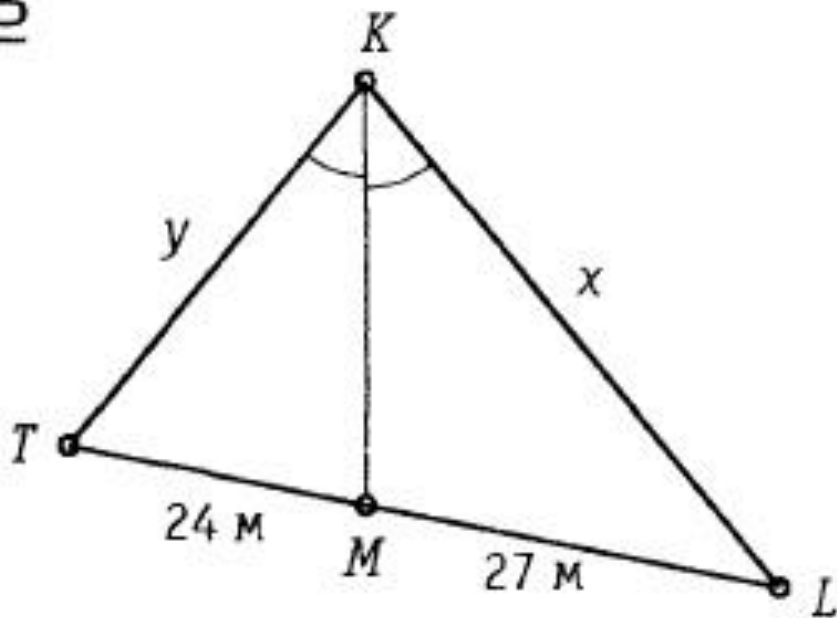
31



$$DC = x$$

1

32

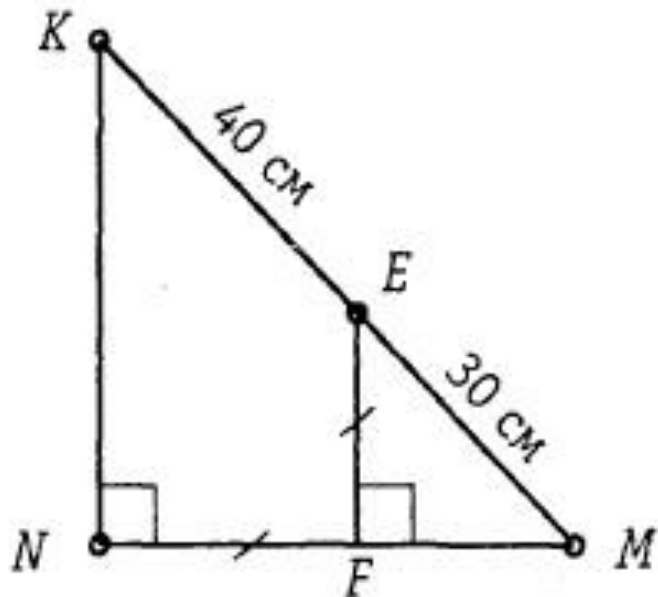


$$P_{\triangle TKL} = 153 \text{ m}$$

2

1

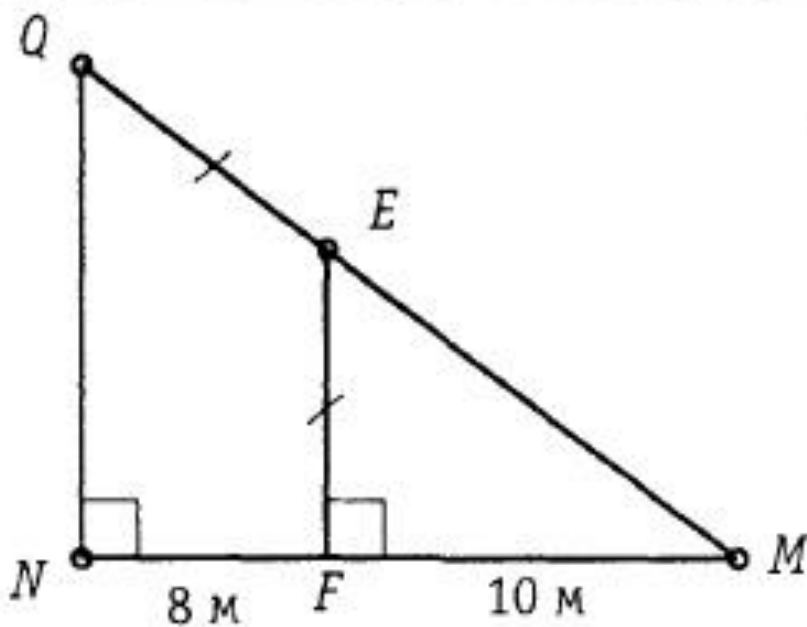
21



$$P_{\triangle MNK} = x$$

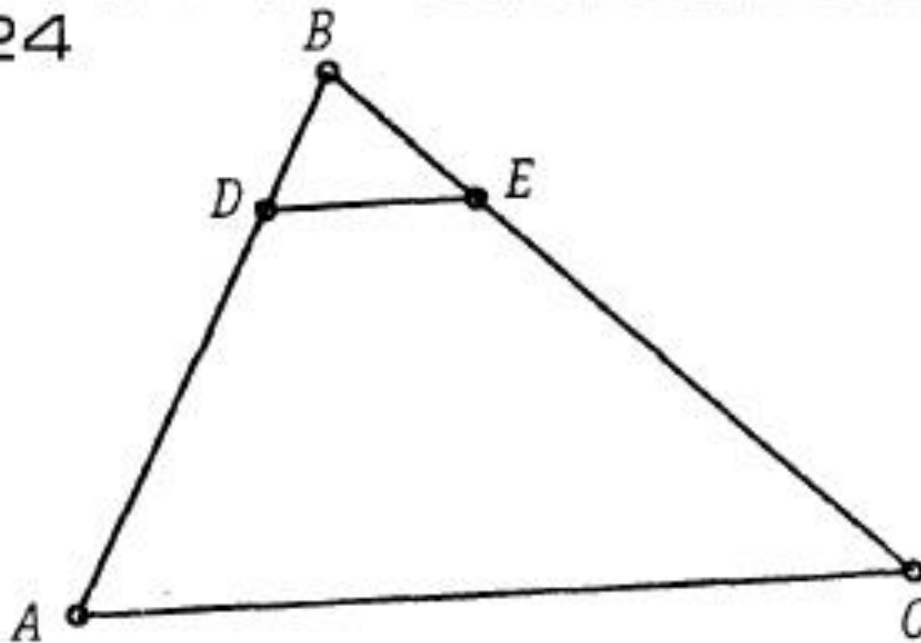
2

22



$$P_{\triangle MNQ} = x$$

24



$$DE \parallel AC$$

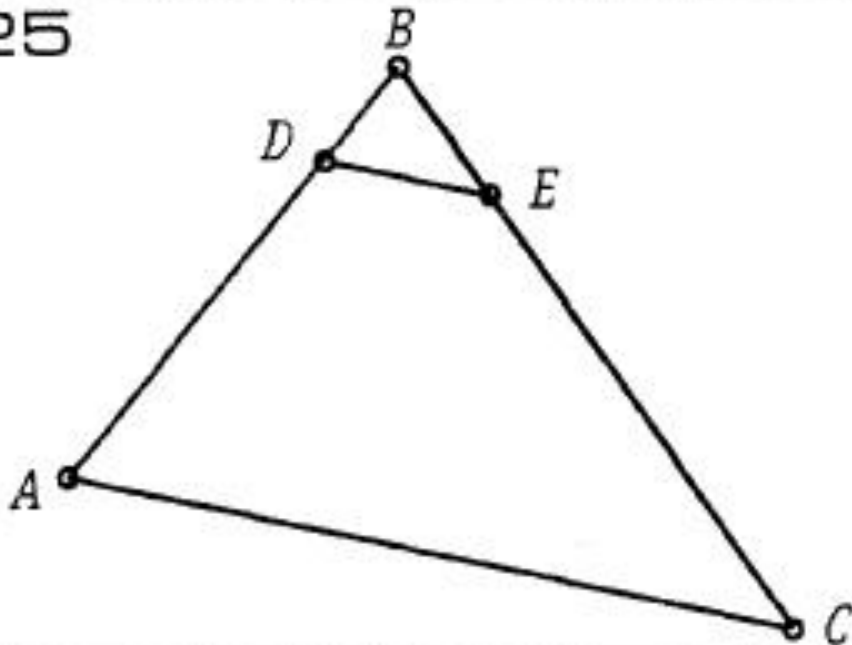
$$BD : AB = 1 : 3$$

$$S_{\triangle ABC} = 54 \text{ m}^2$$

$$S_{ADEC} = x$$

1

25



$$DE \parallel AC$$

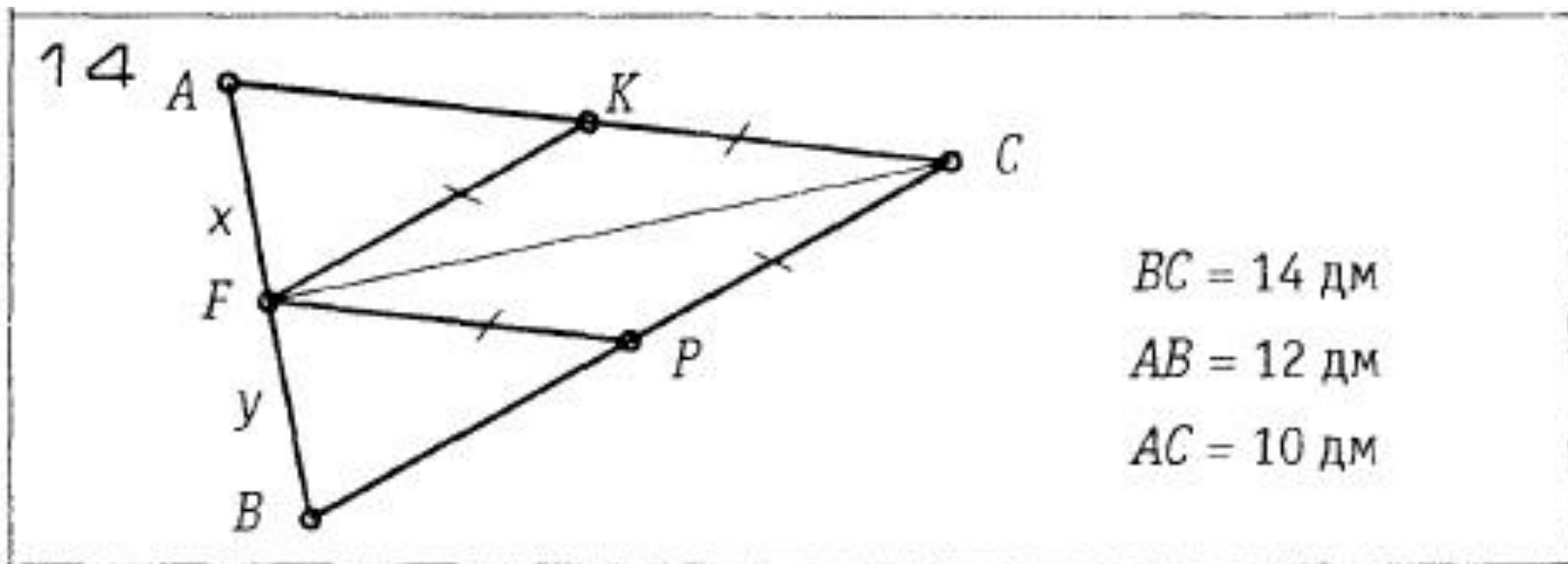
$$BD : AB = 1 : 4$$

$$S_{ADEC} = 60 \text{ m}^2$$

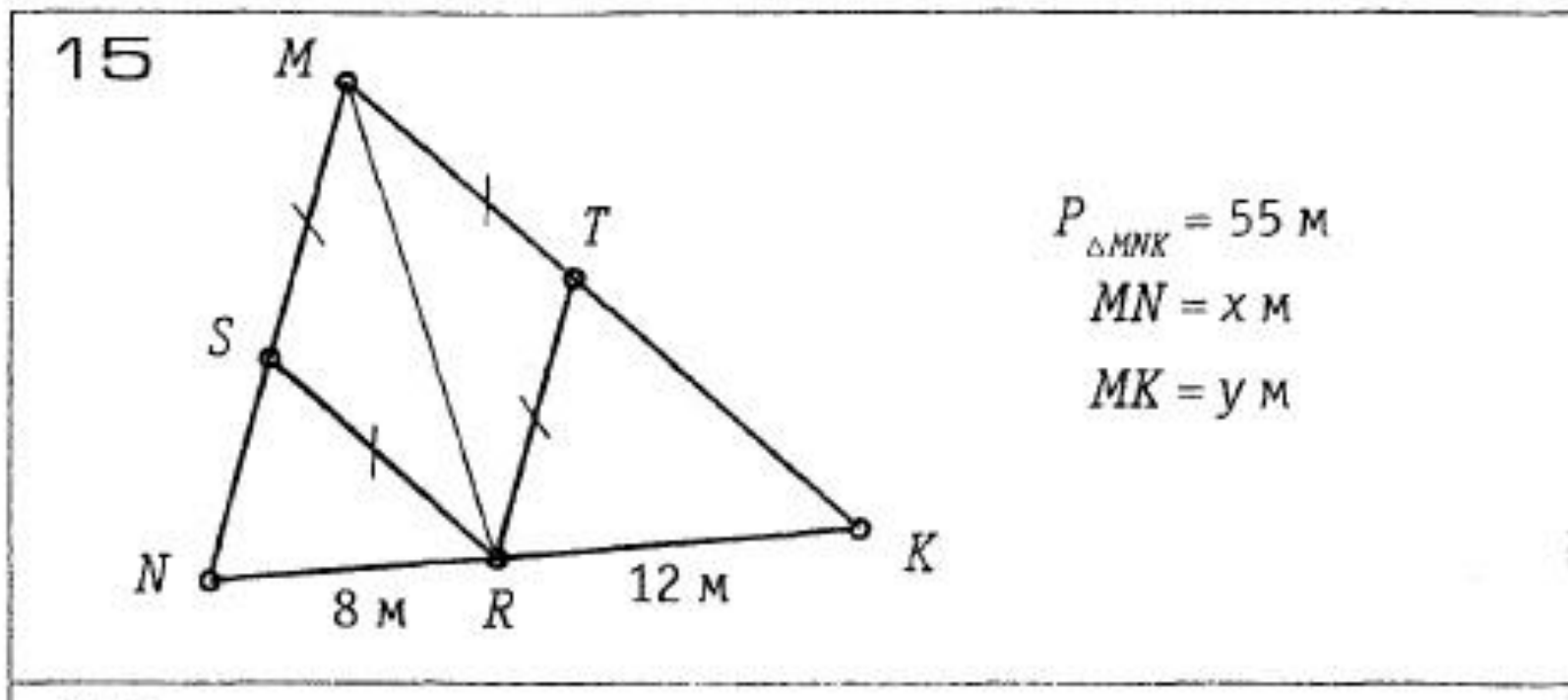
$$S_{\triangle ABC} = x$$

2

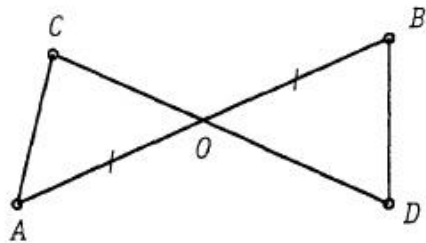
1



2



19

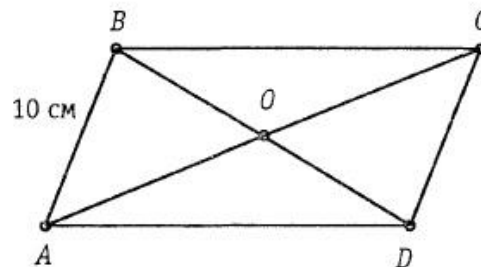


$$S_{\triangle AOC} = 5 \text{ дм}^2$$

$$CO : OD = 5 : 6$$

$$S_{\triangle BOD} = x$$

27

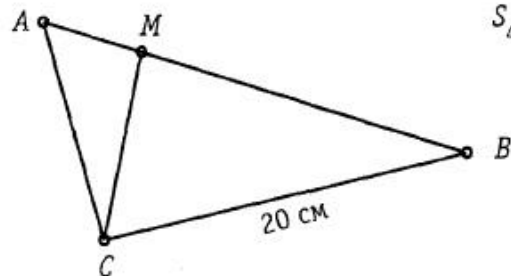


$ABCD$ —
параллелограмм

$$\frac{BC}{AB} = \frac{AC}{OC}$$

$$P_{ABCD} = x$$

20

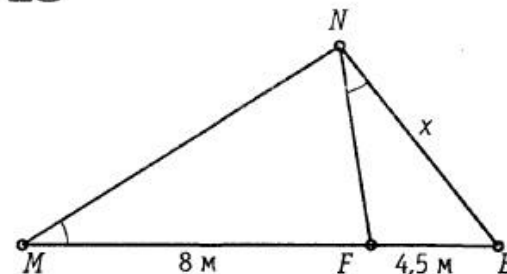


$$S_{\triangle AMC} : S_{\triangle MCB} = 1 : 3$$

$$\frac{BC}{AB} = \frac{AM}{MB}$$

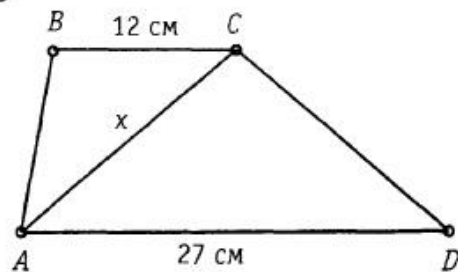
$$AB = x$$

28



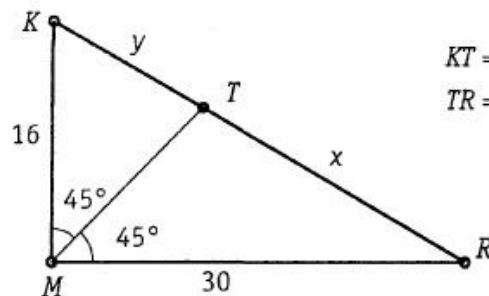
$\triangle NFE \sim \triangle MNE$

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$\triangle ABC \sim \triangle ACD$
 $BC \parallel AD$

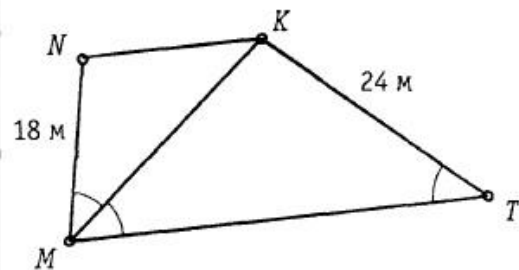
35



$$KT = y$$

$$TR = x$$

26

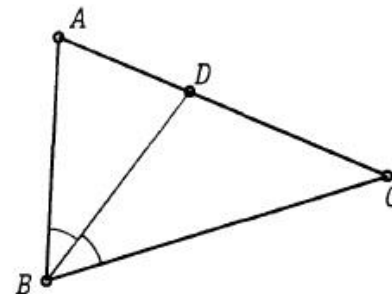


$\triangle MNK \sim \triangle MKT$

$NK \parallel MT$

$$P_{MNKT} = x$$

36



$$AC = BC$$

$$AC - AB = 4,8 \text{ дм}$$

$$AD : DC = 3 : 5$$

$$P_{\triangle ABC} = x$$