Matematika 15122020

1. 21. zadatak

x\*(x-2)\*(x+2)-x3=60

(x2-2x)\*(x+2)-x3=60

x3-2x2+2x2-4x-x3=60

-4x=60

4x=-60

x=-15

Riječ je o brojevima -17, -15 i -13.

1. 32. zadatak

x+y=10m

x=2y-0.5m

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2y-0.5m+y=10m

2y+y=10m+0.5m

3y=10.5m

y=3.5m

x=10m-y

x=6.5m

Duljina dužeg komada je 6.5m, a kraćeg 3.5m.