

Meno trieda.....

PRACOVNÝ LIST 3

Aktivita 6

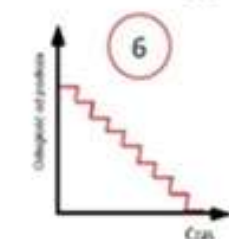
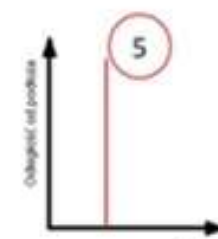
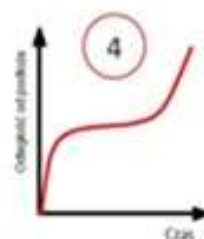
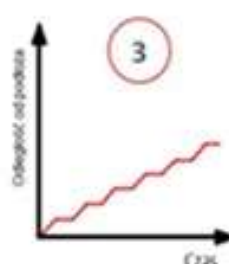
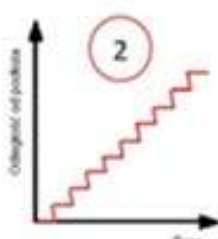
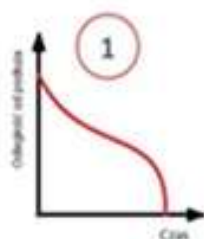
Aktivita 6a)

Prečítaj si úlohu a označ svoju odpoveď hviezdíčkou ✓.

Môžete vybrať viac ako jednu odpoveď.

Úloha o schody :

Predstav si, že vystupuješ po schodoch rovnomerným tempom (obr. vedľa). Ktorý z grafov najlepšie znázorňuje, ako sa mení tvoja vzdialenosť od podlažia počas tohoto pohybu.



Vaša prvá odpoveď – predpoklad:



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Aktivita 6b)

Prekreslite graf získaný senzorom:



Bol váš prvý predpoklad – vaša prvá odpoveď – správny?

Podčiarknite správnu odpoveď a potom ju zdôvodnite.

ÁNO / NIE

Prečo?



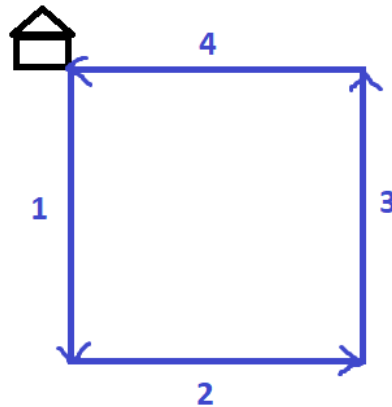
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Aktivita 7. Úloha o pánovi Novakovi:

Pán Novak vyšiel z domu a rovnomerným tempom sa prechádzal po svojom štvorcovom pozemku, ako je znázornené na diagrame:



Vyriešte nasledujúce úlohy.

a) Ako sa menila jeho vzdialenosť od domu v každej fáze chôdze?

Opíšte čo najpresnejšie.

Časť 1.

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Časť 2.

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Časť 3.

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Časť 4.

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b) **Nakreslite graf** , który podľa vášho názoru znázorňuje **vzdialenosť pána Novaka od jeho domu počas doby chôdze** .



c) **Navrhните a vykonajte** experiment ilustrujúci pohyb pána Novaka a **nakreslite graf** vytvorený pomocou senzora.



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