

Tree-house TROUBLES



Kurt, Nilah and Lindiwe have decided to build a tree-house as a hideout. Help them solve some of their building problems.

A The friends need 1 000 nails. They already have 563 nails. *How many more will they need?*

Answer:

B Kurt wants to make stairs to climb up to the tree-house. Each stair must be 30 cm long. He has a plank of wood that is 150 cm long. *How many stairs can he cut from this plank?*

Answer:

C To build a low fence around the base of the tree, the friends will use a total of 32 short planks.

How many planks will be used on each side of the fence, if the fence is to be in the shape of a square?

Answer:

D Nine planks will be used for the tree-house floor. Each plank is 12 cm wide.

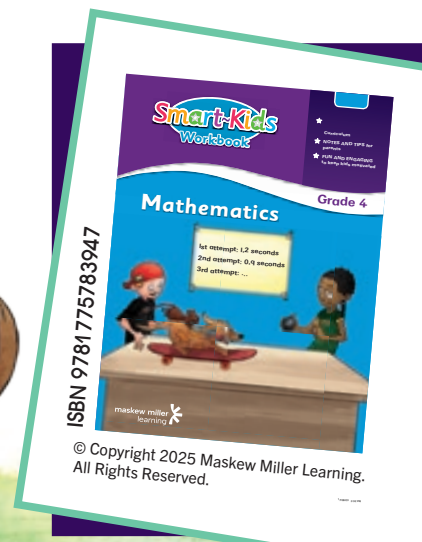
How wide will the floor be?

Answer:

E Nilah has made cushions to sit on. She has used 65 cm blue material, 108 cm green material and 415 cm denim material to make the cushions.

How much material has she used altogether?

Answer:



ANSWERS: A 437 nails, B 5 stairs, C 8 planks, D 108 cm, E 588 cm