

.is a tool which can tighten and loosen bolts to ensure that bolts are tightened enough, but not over-tightened .....

A threaded wrench ☐

A socket wrench ☐

A torque wrench ☒

An allen wrench ☐

Small-diameter bolts, which can be used with nuts or screwed into threaded holes

A slot head screw ☐

A wall plug ☐

A grub screw ☐

A Machine screw ☒

A self-drilling screw

Spring washers are flat

Activate V  
خطا  
Go to Setting

Acetylene is a gas whose purpose is to increase the temperature of the welding process

صح ☐

خطأ ☒

A self-tapping screw does not require a predrilled hole

صح ☒

خطأ ☐

..... The shielding gas in gas welding is

argon ☒

flux ☐

carbon dioxide ☐

carbon monoxide ☐



أنت  
قبل ٤ دقائق



- ☐ Design
- ☐ Feature
- ☐ constraint
- ☒ Budget

The teeth of the drive gear ..... with those of the follower

Select one:

- ☐ interlock
- ☐ mesh together
- ☐ fit together
- ☐ all previous answers



..... The stress is proportional to strain to a point called

failure of proportionality ☐

limit of proportionality ☒

load-bearing ☐

overstress point ☐

The centre of gravity may be -----the object's cross-sectional area

inside or outside .a ☒

inside .b ☐

outside .c ☐

A joint which does not flex

load-bearing joint .a ☐

flex .b ☐

rigid joint .c ☒

pin joint .d ☐

..... Under compression, slender components will

crush ☐

buckle ☒

shear ☐

fracture ☐

.....The resistance to deceleration of an object is called

friction force ☐

momentum ☒

torque ☐

pivot ☐

A mechanical advantage is when the load generated by the machine is greater than the effort required to generate the load

.By adding cross-members, a frame is pin-jointed, making it stiffer

صح ☐

خطأ ☒

The turning force generated by a lever is called leverage

صح ☒

خطأ ☐

Load is a scalar quantity measured in Newton"

صح ☐

خطأ ☒

Sag\* means bend upwards\*

صح

خطأ

Activate

Go to Settings

The scale drawing of this tree is 1:500. If the height of the tree on paper is 20 inches, then its height in real life is 20000 inches

صح ☐

خطأ ☒

..... I've marked a cross on the concrete floor, showing where the two gridlines

centerline ☒

intersect ☐

parallel ☐

perpendicular ☐

According to this drawing, ..... 8 runs along the external wall of the structure

gridline ☒

perpendicular ☐

intersect ☐

parallel ☐

We need to show the position of the corner of the staircase with coordinate dimensions. There should be two ..... dimensions, taken from two gridlines



- composite ☐
- perpendicular ☒
- duration ☐
- interference ☐

We 'll use the theodolite to ..... the gridline and mark a ninety-degree offset

establish ☐

variation ☐

square off ☒

set out ☐

Ensure that the zinc used for ..... is connected to the positive terminal of the electric supply

plating ☐

hot-dip galvanizing ☒

electro-plating galvanizing ☐

painting ☐

.Retarder allows concrete to stay wet for longer

☐ صح

☒ خطأ

concrete is one of the most widely used construction materials .....

Reinforce ☐

Reinforced ☒

Reinforcing ☐

Reinforcement ☐

. The overall span is measured along the length of the bridge

Activate  
طرح  
Go to Settings  
خطأ ✖

The teeth of the drive gear ..... with those of the follower

Select one:

- ☐ interlock
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- ☐ fit together
- ☒ all previous answers

..... can detect levels of- or changes in - values such as temperature, pressure and light.

Select one:

- ☐ Logic gates
- ☐ a switchboard
- ☒ Sensors
- ☐ Control Systems

.Function is the product intended use

✓ صح ☒

خطأ ☐

.Copper can be mixed with zinc to produce brass

✓ صح ☒

خطأ ☐

For most engineering and architectural uses, annealed glass is suitable

☐ صح

☒ خطأ

..... Gravel used in concrete is

Batching ☐

Cement ☐

Fine aggregate ☐

Coarse aggregate ☒

.The height of the towers is measured vertically

Activate  
✓ صح  
Go to Settings  
خطا

**Woods may have knots in it**

**All answer** ☒

**Softwood** ☐

**Engineered wood** ☐

**Solid wood** ☐

.The height of the tower is measured horizontally

☐ صح

☒ خطأ ✓

..... A plastic that can be heated and moulded numerous times

ABS ☐

Polycarbonate ☐

PVC ☐

all answers ☒

.Car windscreens are made by bonding glass to a polymer, such as PVB, to form a type safety glass

Activate  
Go to Settings

.The distance travelled by the vehicle each time its wheels turn completely is equal to the radius of one of its tyres

صح ☐

خطأ ☒

Are these already on the market - Are they the ..... products

proposed ☐

featured ☐

existing ☒

budget ☐

Activate V

.The radius of the curve in the motorway is constant, so the edges of the road follow chords of a circle

صح ☐

خطأ ☒

.By this stage of the process, the plastic is in a liquid state and has fully cooled

صح ☐

خطأ ☒