

## True or False

**T** To achieve normal combustion a low compression engine requires low octane fuel

**F** Regular grade petrol has an octane rating of 98 and its colour is yellow/orange

**T** The octane rating measures the ability of petrol to resist knocking or pinging

**F** To achieve normal combustion a high compression engine requires low octane fuel

**T** An EFI cleaner is used as an additive in petrol to clean deposits from the injectors to improve vehicle performance and fuel economy

**T** An engine temperature sensor is mounted on the hottest point of the engine to measure heat

**T** Normal combustion is when the air fuel mixture is ignited by the spark plug and burns evenly across the top of the piston

**F** An excessively lean air/fuel mixture will decrease fuel economy

**F** When carrying out a compression test the fuel pump doesn't need to be disconnected

**T** The fuel pressure regulator is mounted at one end of the fuel rail and adjusts the fuel pressure supplied to the injectors