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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Engine

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|  |  |  |  |  | 1P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2T |  O |  R |  Q |  U |  E |  | 3E |  X |  H |  A |  U |  S |  T |  V |  A |  L |  V |  E |
|  |  |  |  |  |  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  H |  |  |  |  | 4C |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  R |  |  |  |  |  R |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 5R |  O |  C |  K |  E |  R |  A |  R |  M |  |  |  |  |  |  |  |
|  |  |  |  |  |  D |  |  |  |  |  N |  |  |  |  |  | 6I |  |  |  |
|  |  |  | 7S |  |  |  |  |  |  |  K |  | 8R |  |  |  |  N |  |  |  |
| 9P |  I |  S |  T |  O |  N |  | 10C |  |  |  C |  |  E |  |  |  |  T |  |  |  |
|  |  |  |  R |  |  |  |  A |  |  |  A |  |  C |  | 11E |  |  A |  | 12E |  |
|  |  |  |  O |  | 13C |  O |  M |  B |  U |  S |  T |  I |  O |  N |  |  K |  |  N |  |
|  |  |  |  K |  |  |  |  S |  |  |  E |  |  P |  |  E |  |  E |  |  G |  |
|  |  |  |  E |  |  |  |  H |  |  |  |  |  R |  |  R |  |  V |  |  I |  |
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|  |  |  |  |  |  |  | 14F |  U |  E |  L |  |  C |  |  Y |  |  L |  |  E |  |
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|  |  |  |  |  |  |  |  |  |  |  | 15F |  L |  Y |  W |  H |  E |  E |  L |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |
|  |  |  |  |  | 16C |  R |  A |  N |  K |  S |  H |  A |  F |  T |  |  |  |  C |  |
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| **Across****2.** something that tends to produce torsion or rotation**3.** a valve through which burned gasses from a cylinder escape into the exhaust**5.** a rocking arm lever to rotate with a moving shaft**9.** a disk or short cylinder fiting closly within a tube**13.** the process of burning something **14.** matierial such as coal,oil,or gas**15.** a heavy revolving wheel in a machine**16.** a shaft driven by a crank | **Down****1.** a rod in a overhead valve engine**4.** housing of a crank shaft**6.** a valve that controls by fluid that goes to a intake**7.** The act of an instant striking**8.** given or done in return**10.** a shaft with one or more cams attached to it exspecially one opperating the valve in a internal combustion engine**11.** the strength and vitality required to sustained physical or mental activity**12.** metal casting containing the cylinders and cooling ducts of the engine |