

17. Work depends upon _____.
a) Amount of force
b) The distance through which object moves
c) Both (a) & (b) d) Neither (a) nor (b)
18. The two diagonals are not necessarily equal in a _____.
a) Rectangle b) Square
c) Rhombus d) Isosceles trapezium
19. The bisectors of any two adjacent angles of a parallelogram intersect at -
a) 30° b) 45°
c) 60° d) 90°
20. How many diagonals are there in a hexagon?
a) 6 b) 8
c) 9 d) 10
21. $3/5 = ?$
a) 30% b) 40%
c) 45% d) 60%
22. 0.8% when expressed as decimal is -
a) 0.08 b) 0.008
c) 8 d) 0.8
23. What least number must be subtracted from 176 to make it a perfect square?
a) 16 b) 10
c) 7 d) 4
24. _____ can neither be created nor be destroyed.
a) Work b) Power
c) Energy d) All of these
25. To find _____ energy, we use the formulae mgh .
a) Mechanical b) Electrical
c) Potential d) Kinetic
