Colegio Metropolitano
Sixth grade ENCINO PINO SAUCE
Science
Miss Alisson Coronado

Work

Name: _____ Code No. _____

IV UNIT – Date: _____

Instructions: Solve the problems below about work. Remember the formula is W= force x distance.

1. Calculate the work done by a 47 N force pushing a pencil 0.26 m.

2. Calculate the work done by a 47 N force pushing a 0.025 kg pencil 0.25 m against a force of 23 N.

3. Calculate the work done by a 2.4 N force pushing a 400. g sandwich across a table 0.75 m wide.

4. If a small motor does 520. J of work to move a toy car 260. m, what force does it exert? Formula: F= work/ distance.

5. How far can a mother push a baby carriage, using a force of 62.0 N if she can do 2920 J of work? Formula: D= work/force

LIVEWORKSHEETS