Which formula?

This task requires identifing the correct expression for word problems.

a) The letter **t** stands for the number of teeth Jacob has. His baby sister has only half as many teeth as he does. Which formula would you use to show how many teeth his baby sister has?

(**A**) $2 \times t$　　　(**B**) $t - 2$　　　(**C**) $t \div 2$　　　(**D**) $2 \div t$　　　(**E**) $2 - t$

b) The letter **d** stands for the number of dollars Siri's bank account had left in it after she took out $50. Which formula would you use to show how much money was in Siri's bank account **before** she took out the money?

(**A**) $50 - d$　　　(**B**) $d + 50$　　　(**C**) $50 \div d$　　　(**D**) $d \times 50$　　　(**E**) $d - 50$

c) The letter **w** stands for Jesse's weight in kilograms. He weighs only a quarter of his father's weight. Which formula would you use to show his father's weight in kilograms?

(**A**) $w \div 4$　　　(**B**) $4 + w$　　　(**C**) $w - 4$　　　(**D**) $4 \div w$　　　(**E**) $4 \times w$

d) The letter **r** stands for the number of rows of lettuces a gardener plants. There are 30 lettuces altogether. Which formula would you use to show how many lettuces there are in each row?

(**A**) $30 \div r$　　　(**B**) $30 \times r$　　　(**C**) $30 + r$　　　(**D**) $r \div 30$　　　(**E**) $30 - r$

e) The letter **k** is the distance in kilometres between Angela's home and her school. She travels to and from school for 5 days. Which formula would you use to show how many kilometres she has travelled?

(**A**) $5 \times k$　　　(**B**) $5 \div k$　　　(**C**) $k + 5$　　　(**D**) $10 + k$　　　(**E**) $10 \times k$