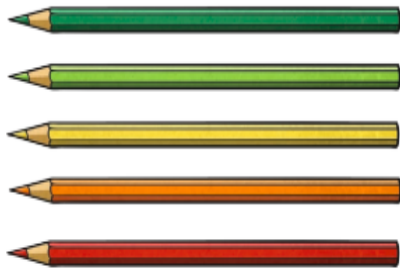




## Maths Challenge

### Multi-Step Word Problems: Multiplication and Division

A teacher has 14 packs of colouring pencils, each with 25 pencils, and 9 packs of writing pencils, each with 12 pencils. How many pencils are there altogether?



A)

B)

At a ten pin bowling alley, there are 16 lanes. Each lane has 24 pins. The manager orders another 19 packs of pins; each pack having 3 pins. How many pins will there be altogether?



A local charity gives out grants to 4 local youth groups. Each group receives £312. The charity also gives out grants of £1032 to 2 local children's clubs. The charity started with a budget of £4000. How much is left to give away?



C)

D)

A machine produces 356 dice in one hour. The machine runs for 8 hours a day, 6 days a week. The dice are sold in pairs, packs of 5 and packs of 8. Out of one week's production of dice, the following are made:

- 2500 pairs
- 1200 packs of 5
- 760 packs of 8



How many dice are left over after the packs are made?