M1

Solve the system of equations

$$\begin{cases} a + b = 20 \\ a - b = 2 \end{cases} \tag{1}$$

M2

Solve the inequality

$$6x + 12 < 0 \tag{2}$$

M3

The price of an item changed from \$20 to \$19. Then later the price decreased again from \$19 to \$18. Which of the two decreases was larger in percentage term?

L1

How many zeros are there at the end of the number 10! ?

L2

If you have a 5-litre jug and a 3-litre jug, how would you measure exactly 4 litres?

L3

How many times in a day the two hands of a clock coincide?