



Detail

2025 Y5 T4W6 Mathematical Reasoning Test



Review



Question 15

Daria's petrol tank was three quarters full.

She uses two thirds of the petrol.
→ of in maths means multiplier

What percentage of the tank is the remaining petrol?

$\frac{3}{4}$ of a tank

$$\frac{2}{3} \text{ of } \frac{3}{4} \Rightarrow \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} \rightarrow 50\%$$

$$50\% \text{ is used} \quad \frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$$

Originally 75% in tank

$$\therefore 75\% - 50\% \text{ left} = 25\%.$$

Alternatively can take tank = 100L
 and trial and error from there.

25%

33.33%

50%

66.67%

87.5%

Correct answer:

25%

Hint:

$1/3 \times 3/4 = 3/12 = 1/4 = 25\%$



Session



Registrations



Report

