

Ways to Multiply & Divide

1) A baby elephant drinks around 12L of milk every day. How much will it drink in 2 years?

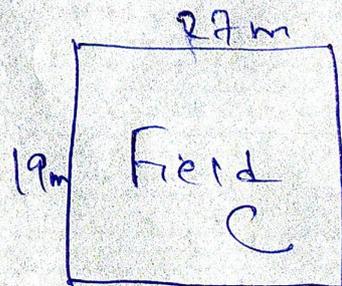
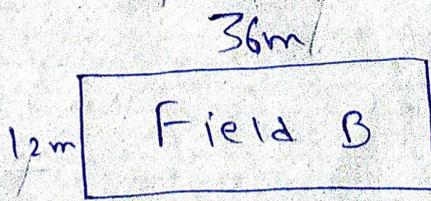
$$\Rightarrow \begin{aligned} 1 \text{ year} &= 365 \text{ days} \\ 2 \text{ years} &= (2 \times 365) \text{ days} \\ &= 730 \text{ days} \end{aligned}$$

Quantity of milk drunk by elephant every day = 12L

\therefore Quantity of milk drunk in 730 days = (730×12) L

$$\begin{array}{r} 730 \\ \times 12 \quad (10+2) \\ \hline 1460 \quad (730 \times 2) \\ + 7300 \quad (730 \times 10) \\ \hline 8760 \text{ L} \end{array}$$

2) Karunya - The Landlord



* Find the area of three fields.

$$\begin{array}{r}
 \text{Field A} = 27 \times 28 \quad (20+8) \\
 \hline
 216 \quad (27 \times 8) \\
 + 540 \quad (27 \times 20) \\
 \hline
 756 \text{ m}^2
 \end{array}$$

$$\begin{array}{r}
 \text{Field B} = 36 \times 12 \quad (10+2) \\
 \hline
 72 \quad (36 \times 2) \\
 + 360 \quad (36 \times 10) \\
 \hline
 432 \text{ m}^2
 \end{array}$$

$$\begin{array}{r}
 \text{Field C} = 27 \times 19 \quad (10+9) \\
 \hline
 243 \quad (27 \times 9) \\
 270 \quad (27 \times 10) \\
 \hline
 513 \text{ m}^2
 \end{array}$$

He bought field A at £ 95 for 1 m²
 field B at £ 110 for 1 m²
 field C at £ 120 for 1 m².

Find the cost of all 3 fields

$$\begin{array}{r}
 \text{Cost of field A} = 756 \\
 \times 95 \quad (90+5) \\
 \hline
 3780 \quad (756 \times 5) \\
 + 68040 \quad (756 \times 90) \\
 \hline
 \text{£ } 71820
 \end{array}$$

Cost of field B = 432

$$\begin{array}{r}
 \times 110 \quad (100 + 10 + 0) \\
 \hline
 000 \quad (432 \times 0) \\
 + 4320 \quad (432 \times 10) \\
 43200 \quad (432 \times 100) \\
 \hline
 \underline{\underline{\text{₹} 47520}}
 \end{array}$$

Cost of field C = 513

$$\begin{array}{r}
 \times 120 \quad (100 + 20 + 0) \\
 \hline
 000 \quad (513 \times 0) \\
 + 10260 \quad (513 \times 20) \\
 51300 \quad (513 \times 100) \\
 \hline
 \underline{\underline{\text{₹} 61560}}
 \end{array}$$

Home work

Pg-5

Thulasi & her husband

Pg-6

Haryana	₹ 135
Rajasthan	₹ 73
MP	₹ 97
Orissa	₹ 75