

Q. WORD PROBLEMS

3. A shopkeeper sold 215 mobile phones a shopkeeper
sold = 215

Cost of each mobile phone = ₹ 15,675

total money he collected through the sale =

$$₹ 15,675 \times 215$$

$$\begin{array}{r} 0 \\ 0 \\ 0 \\ 0 \\ 15675 \end{array}$$

$$\times 215$$

$$\begin{array}{r} 0 \\ 78375 \end{array}$$

$$\begin{array}{r} 0 \\ 15675 \end{array}$$

$$\begin{array}{r} 0 \\ 34350 \end{array}$$

$$\hline 3370125$$

Hence, total money he collected is ₹ 33,70,125

4. length of the playground = 1,325 m

Breadth of the playground = 275 m

area of the playground = length \times breadth

$$= 1325 \times 275$$

well

$$\begin{array}{r}
 800 \\
 800 \\
 800 \\
 \hline
 1325 \\
 \times 125 \\
 \hline
 6625 \\
 + 92250 \\
 \hline
 265000 \\
 \hline
 3,64,375
 \end{array}$$

∴ the area of the playground = 3,64,375 sq-m

5. capacity of a water tank = 15,680 litres

quantity of water in 125 such water tanks =

$$\begin{array}{r}
 15,680 \times 125 \\
 800 \\
 800 \\
 800 \\
 \hline
 15680 \\
 \times 125 \\
 \hline
 78400 \\
 + 313600 \\
 \hline
 1960000
 \end{array}$$

∴ therefore, 19,60,000 Litres are in 125 such water tanks

6. no. of students in a public school = 3,127

Rs. each student pays for the school excursion = ₹ 8050

~~Sum of money collected by the school~~

amount of money collected by the school

for the excursion = 3127×850

$\begin{array}{r} 3127 \\ \times 850 \\ \hline \end{array}$

$\begin{array}{r} 0000 \\ 156350 \\ 2501600 \\ \hline \end{array}$

$\begin{array}{r} 0000 \\ 156350 \\ 2501600 \\ \hline \end{array}$

$\begin{array}{r} 0000 \\ 156350 \\ 2501600 \\ \hline \end{array}$

$\begin{array}{r} 0000 \\ 156350 \\ 2501600 \\ \hline \end{array}$

$\begin{array}{r} 0000 \\ 156350 \\ 2501600 \\ \hline \end{array}$

Hence, ₹ 26,57,950/- were collected by the school

for the excursion.

7. no. of employees a reported computer firm

has = 2,37,118

Amount of Money the company pays to each

employee as year~~ly~~ bonus = ₹ 750

Amount of Money spent the company per year

= 2,37,118 × 750