Name: .... Class: ....

Add subtract multiply or divide two whole numbers: word problems

a. Erica's dad is a business tycoon. He intends to order 520 brand new fridges to be delivered in trucks right to his store. If each truck can carry only 20 fridges, how many trucks will Erica's dad need?

b. There are 12 parking floors in the mall of Arabia in Eygpt. If each parking floor can accommodate 25 cars, then what is the total number of cars all the 12 floors can accommodate?

c. Mary just came back from her long vacation. She told her friend that 850 passengers boarded the plane she was in. During their transit, 220 passengers got off. How many passengers were left on the plane?

mathskills4kids

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Add subtract multiply or divide two whole numbers: word problems

a. Erica's dad is a business tycoon. He intends to order 520 brand new fridges to be delivered in trucks right to his store. If each truck can carry only 20 fridges, how many trucks will Erica's dad need?

We need to divide 520 by 20 in order to solve the problem.
Erica's dad orders 520 fridges.
If 1 truck can carry 20 fridges,
then, how many will carry 520 fridges?
So, we solve 520 ÷ 20.

$$
\begin{array}{r}
26 \\
20\,\overline{\big)\,520} \\
-40 \\
\hline
120 \\
-120 \\
\hline
0
\end{array}
$$

Therefore, Erica's dad will need 26 trucks

b. There are 12 parking floors in the mall of Arabia in Eygpt. If each parking floor can accommodate 25 cars, then what is the total number of cars all the 12 floors can accommodate?

We need to multiply 25 by 12 to solve this problem.
If 25 cars can be parked in 1 parking floor,
then how many cars can be parked in 12 parking floors?

$$
\begin{array}{r}
25 \\
\times\ 12 \\
\hline
50 \\
+\ 250 \\
\hline
300
\end{array}
$$

Therefore, 300 cars can be parked in 12 parking floors

c. Mary just came back from her long vacation. She told her friend that 850 passengers boarded the plane she was in. During their transit, 220 passengers got off. How many passengers were left on the plane?

To solve this problem we need to subtract 220 passengers from 850 passengers
850 - 220 = 630

Therefore, 630 passengers were left on the plane