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

Word problems with extra or missing information

a. Aliya has a collection of 7 beautiful seashells. John, her brother has 15 already. Today, he brought home another 10. How many seashells does John have in all?

| 25 ☐ | Insufficient information to solve this problem ☐ | 25, but extra information given ☐ |

b. Joy is two feet taller than Lily. Lily is three feet shorter than Lucy. Who is the tallest among the three girls?

| Joy ☐ | Insufficient information to solve this problem ☐ | Lily, but extra information is given ☐ |

c. Miss Grace bought 15 kilograms of meat from the market. Each kilogram of meat cost $6. How much did Miss Grace spend?

| $90 ☐ | Insufficient information to solve this problem ☐ | extra information given ☐ |

d. Bright and his younger brother combined their allowance so they could buy a gift for their baby sister. They bought a gift of $25. Then, they bought a bottle of juice to Share it evenly between themselves. What was the cost of the juice?

| $25 ☐ | Insufficient information to solve this problem ☐ | extra information given ☐ |

e. Dilan and his younger brother combined their allowance so they could buy a gift for their dad. They bought a gift of $136. Then, they bought a bottle of juice to Share it evenly between themselves. What was the cost of the juice?

| $136 ☐ | Insufficient information to solve this problem ☐ | extra information given ☐ |

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

Word problems with extra or missing information

a. Aliya has a collection of 7 beautiful seashells. John, her brother has 15 already. Today, he brought home another 10. How many seashells does John have in all?

25 ☐   Insufficient information to solve this problem ☐   25, but extra information given ✓

The number of seashells John already had = 15 seashells.
The number he added = 8 shells.
Total number he has now = 15 + 8 = 25 seashells.
The number of seashells Aliya has = 7 seashells (extra information).

b. Joy is two feet taller than Lily. Lily is three feet shorter than Lucy.
Who is the tallest among the three girls?

Joy ☐   Insufficient information to solve this problem ✓   Lily, but extra information is given ☐

Not enough information is given to solve this problem.
(At least Lucy's height should be given or known).

c. Miss Grace bought 15 kilograms of meat from the market. Each kilogram of meat cost $6. How much did Miss Grace spend?

$90 ✓   Insufficient information to solve this problem ☐   extra information given ☐

If 1 kilogram of meat cost $6,
Therefore, 15 kilograms of meat will cost 15 x $6= $90.
So, Miss Grace spent $90.

d. Bright and his younger brother combined their allowance so they could buy a gift for their baby sister. They bought a gift of $25. Then, they bought a bottle of juice to share it evenly between themselves. What was the cost of the juice?

$25 ☐   Insufficient information to solve this problem ✓   extra information given ☐

There is not enough information given to solve this problem
since we don't know the amount of the combined allowance.