

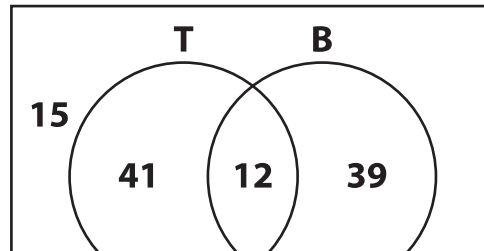
Name : _____

Venn Diagram - With Universal Set

Standard: S2

Read each Venn diagram and answer the questions that follow.

- 1) Ms. Eva conducted a survey among nearby preschools to find the children's favorite rhymes. The top two choices were 'Twinkle twinkle little star' (**T**) and 'Baa baa black sheep' (**B**).



- a) How many children chose 'twinkle little star'?
- b) Find the number of children who chose both 'twinkle little star' and 'Baa baa black sheep'.
- c) How many children chose 'Baa baa black sheep'?

PREVIEW

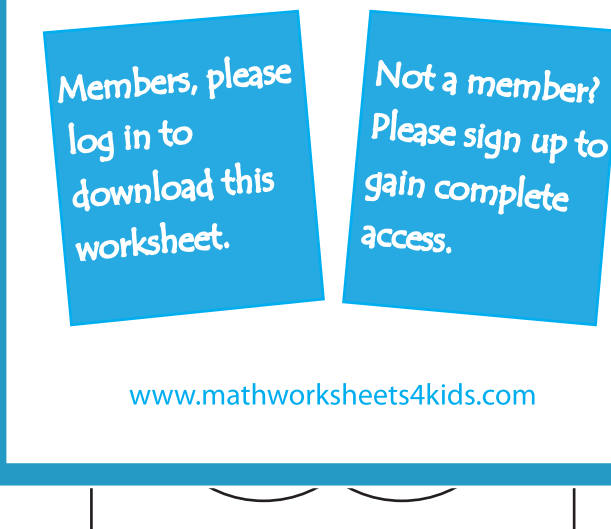
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- 2) The Venn diagram below shows the number of dancers who took part in a Spring ballet recital wearing pink (**P**) or blue (**B**) costumes.



- a) How many dancers took part in a pink (**P**) costume?
- b) How many dancers took part in a blue (**B**) costume?
- c) How many dancers sported both pink and blue costumes?

- a) Find the number of dancers who were sporting neither pink nor blue costumes. _____
- b) How many dancers in all participated in the ballet recital? _____
- c) How many dancers donned blue costumes alone? _____