**BLM 7.N.5.3A: Ace Aviation: Adding Fractions**

Ace Aviation surveyed its passengers on several flights and found the following results.

|  |  |
| --- | --- |
| **Fraction of Total Passengers** | **Reason for Air Travel** |
|  | Business travellers |
|  | Tourists and vacationers |
|  | Passengers visiting family or friends |
|  | Other reason for flying |

1. Does this information represent all of Ace Aviation’s passengers? Explain.
2. Build a model and/or make a drawing that proves your answer to question 1.
3. Write an addition statement to match your illustration for question 2 and to prove your answer to question 1.
4. What fraction of Ace Aviation’s passengers represent tourists and vacationers and passengers visiting family or friends? Build a model, illustrate your model, and write an addition sentence to show your thinking.