Understand and use fact families, numerically and algebraically

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Annie is writing the fact family for this bar model.


She writes $y=19+31$
a) Explain why Annie is incorrect.

b) Write the fact family for this bar model.

(4) Write the fact family for each bar model.
a)

b)

(5)

Write two addition facts and two subtraction facts for each bar model.
a)

b)


What other related facts can you see from your bar models?
7. Draw a bar model to represent each fact.

b)

d)
$\frac{108}{6}=w$

| 152 |  |
| :---: | :---: |
| 9 | 98 |


| 108 |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\omega$ | $\omega$ | $\omega$ | $\omega$ | $\omega$ | $\omega$ |

a)

c)



b)

c)


Use the bar models to complete the facts.

