Name: .... Class: ....
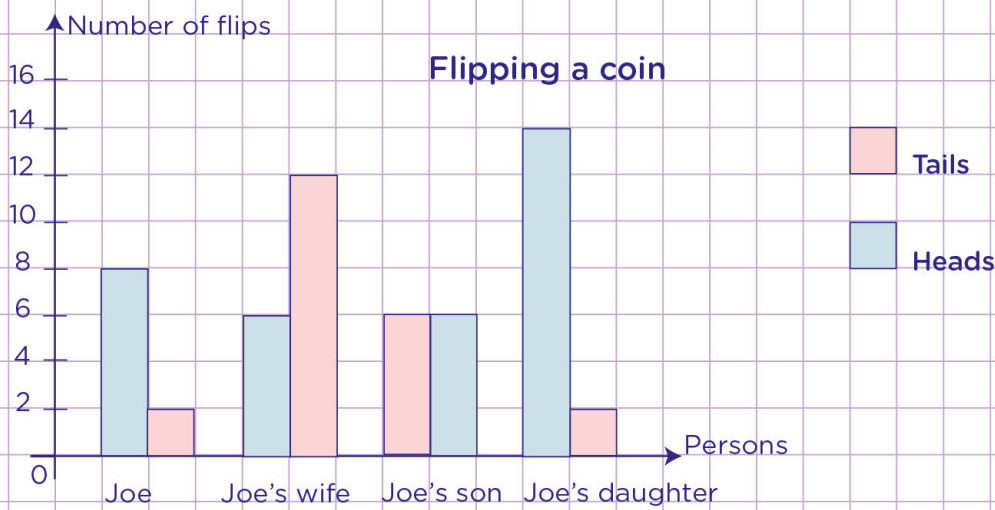
Interpret bar graphs

Joe and his family went camping last week. At the camping site, each member of the family played a round of flipping a coin. Use the information recorded in the bar graph to answer the questions that follow.

Flipping a coin

Number of flips

■ Tails
■ Heads

a. How many more heads did Joe's daughter flip than Joe?

b. How many more tails did joe's son flip than Joe's daughter?

c. Find the people that flipped the same number of tails.

mathskills4kids

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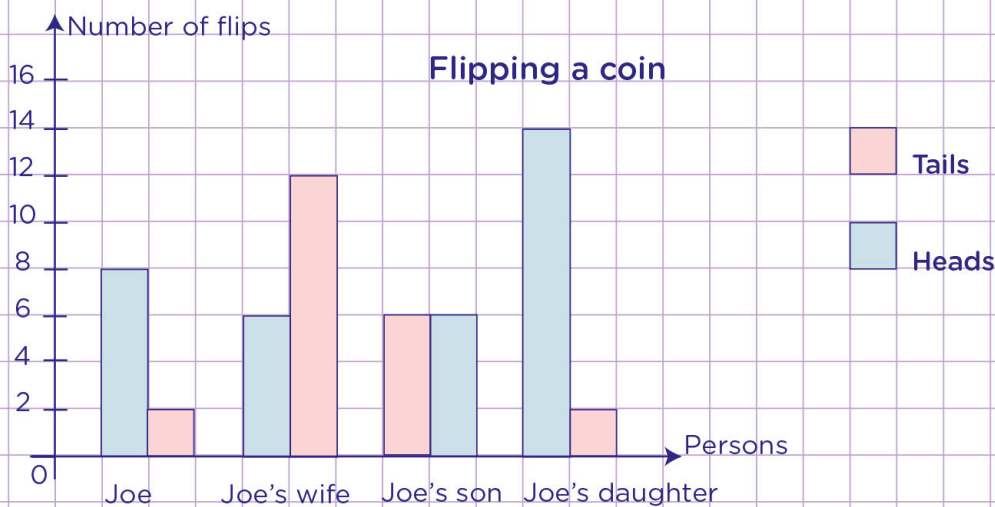
Flipping a coin

Number of flips

16
14
12
10
8
6
4
2
0

Joe   Joe's wife   Joe's son   Joe's daughter

Persons

Tails

Heads

a. How many more heads did Joe's daughter flip than Joe?

Let's read the number of heads Joe's daughter flipped from the bar graph.

You see that, the number of heads she flipped is equal to 14 and Joe flipped 8 heads.

Finally, let's subtract the number of heads Joe flipped from that of his daughter

14 - 8 = 6 heads.

So, Joe's daughter flipped 6 more heads than Joe.

b. How many more tails did joe's son flip than Joe's daughter?

To find the number of tails Joe's son flipped more than Joe's daughter, let's subtract the number of tails Joe's daughter flipped from the number of talls Joe's son flipped.

From the bar, Joe's son flipped 6 tails and Joe's daughter flipped 2 tails.

So, number of tails Joe's son flipped more than Joe's daughter = 6 - 2 = 4 tails.

c. FInd the people that flipped the same number of tails.

To find the people that flipped the same number of tails, let's find the number of people on the graph with the same level of orange bars.

You see that, Joe and his daughter have the same level of orange bars.

So, Joe and his daughter flipped the same number of tails.