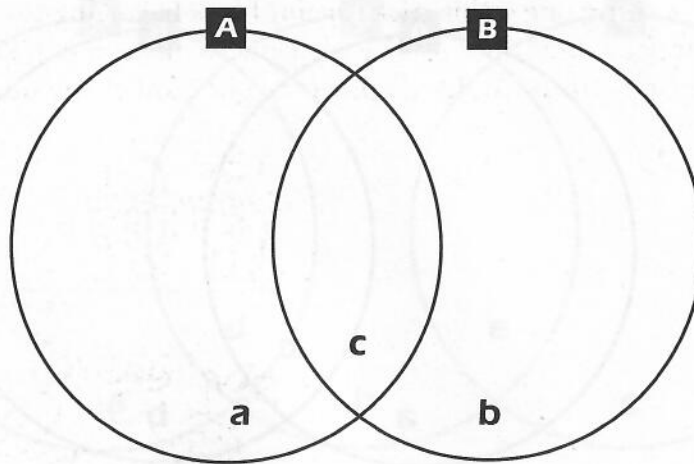


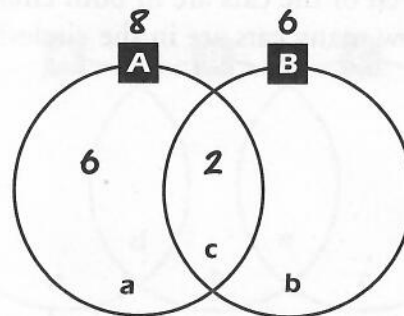


Linking Circles - 1

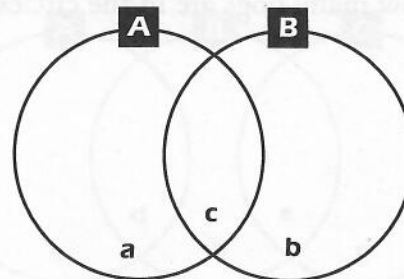


Use cubes to solve the problems.

- 1** There are pictures of horses in the circles on the wall of the old cave.
There are 8 horses in circle A and 6 horses in circle B.
Two of the horses are in both circles A and B.
How many horses are in the circles?

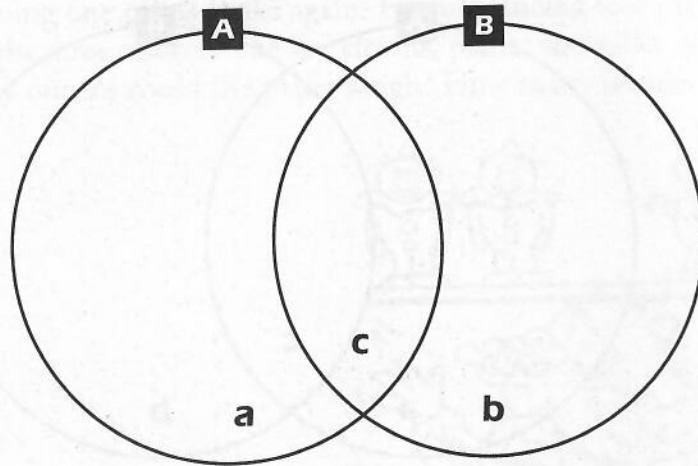


- 2** There are pictures of cows in the circles on the wall of the old cave.
There are 14 cows in circle A and 11 cows in circle B.
Five of the cows are in both circles A and B.
How many cows are in the circles?



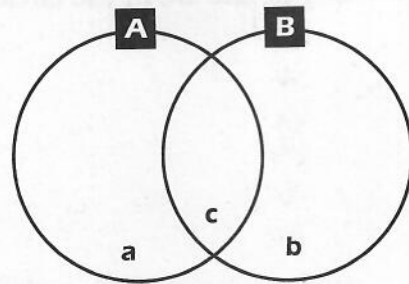


Linking Circles - 2

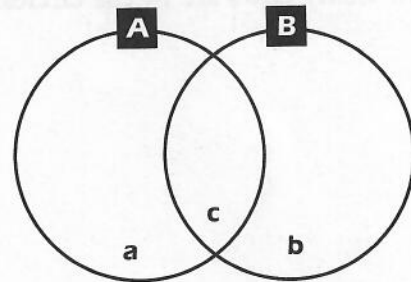


Use cubes to solve the problems.

- 1** There are pictures of cats in the circles on the wall of the old cave.
There are 17 cats in circle A and 14 cats in circle B.
Seven of the cats are in both circles A and B.
How many cats are in the circles?

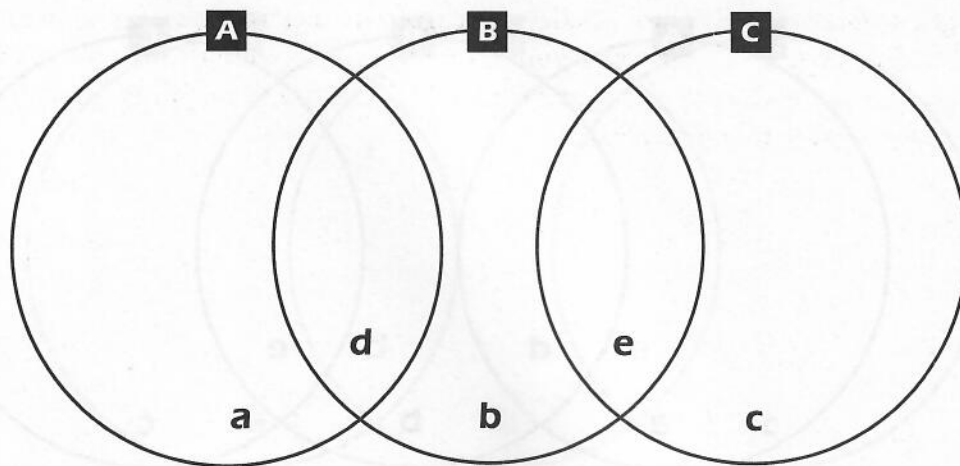


- 2** There are pictures of dogs in the circles on the wall of the old cave.
There are 20 dogs in circle A and 19 dogs in circle B.
Nine of the dogs are in both circles A and B.
How many dogs are in the circles?



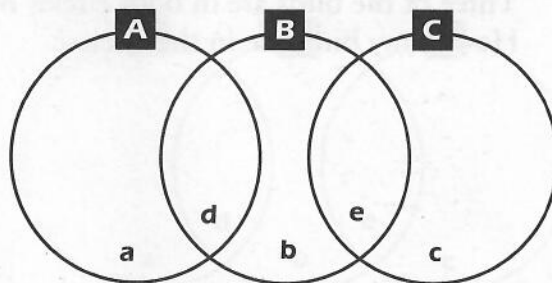


Linking Circles - 3

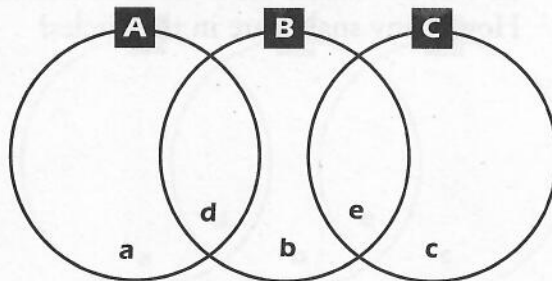


Use cubes to solve the problems.

- 1** There are pictures of bears in the circles on the wall of the old cave.
There are 8 bears in circle A, 6 bears in circle B, and 8 bears in circle C.
Three of the bears are in both circles A and B.
One of the bears is in both circles B and C.
How many bears are in the circles?

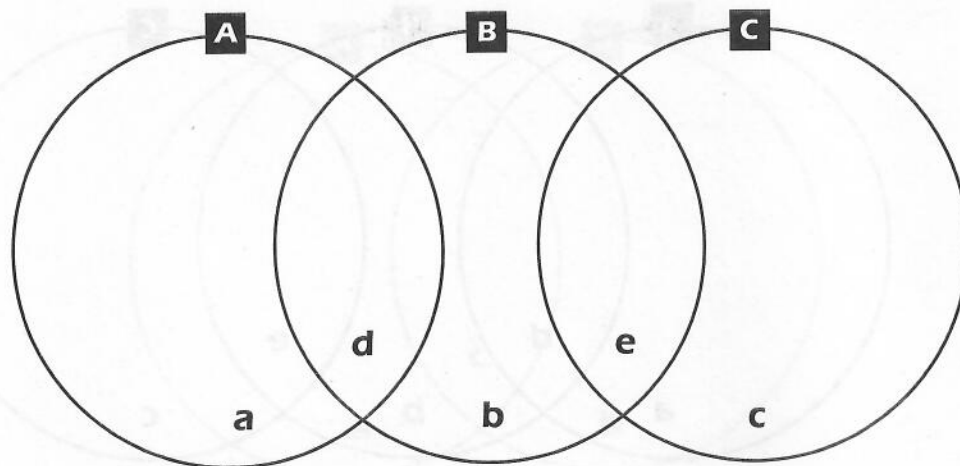


- 2** There are pictures of deer in the circles on the wall of the old cave.
There are 14 deer in circle A, 16 deer in circle B, and 7 deer in circle C.
Five of the deer are in both circles A and B.
Four of the deer are in both circles B and C.
How many deer are in the circles?



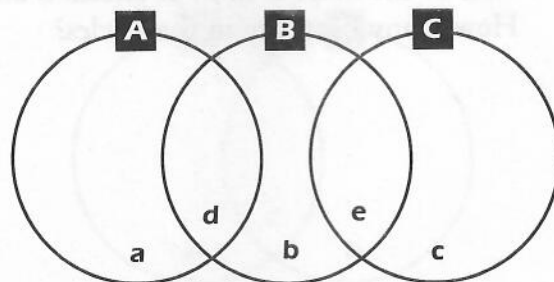


Linking Circles - 4

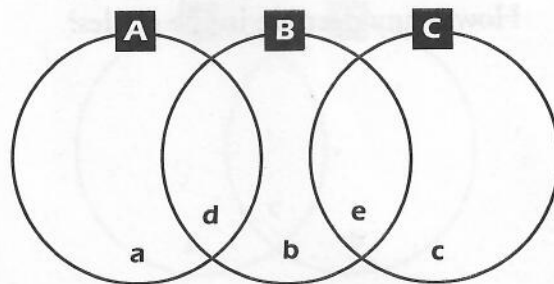


Use cubes to solve the problems.

- 1** There are pictures of birds in the circles on the wall of the old cave. There are 12 birds in circle A, 14 birds in circle B, and 9 birds in circle C. Seven of the birds are in both circles A and B. Three of the birds are in both circles B and C. How many birds are in the circles?

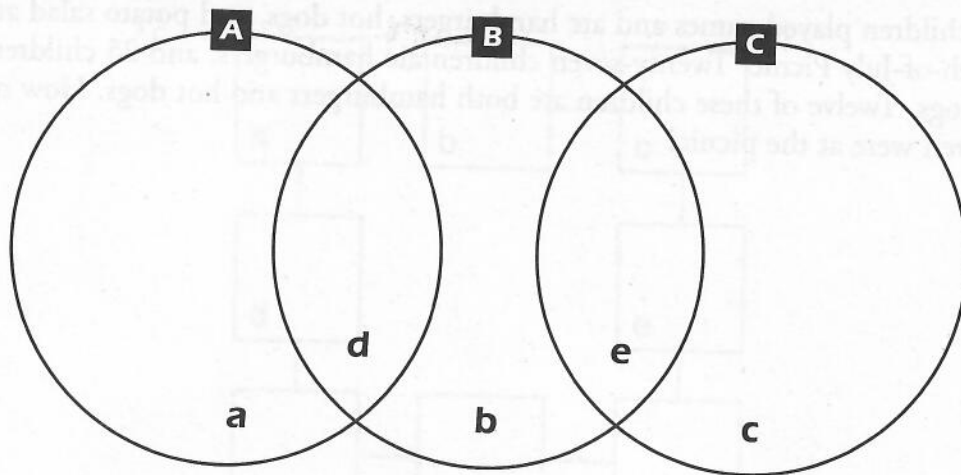


- 2** There are pictures of snakes in the circles on the wall of the old cave. There are 10 snakes in circle A, 20 snakes in circle B, and 13 snakes in circle C. Six of the snakes are in both circles A and B. Five of the snakes are in both circles B and C. How many snakes are in the circles?



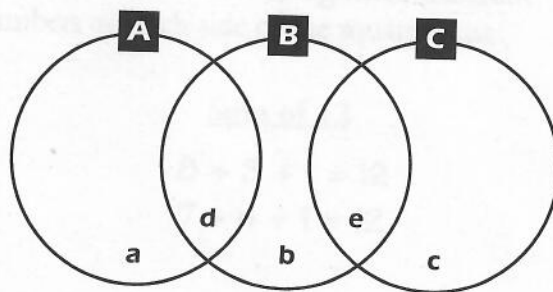


Linking Circles - 5

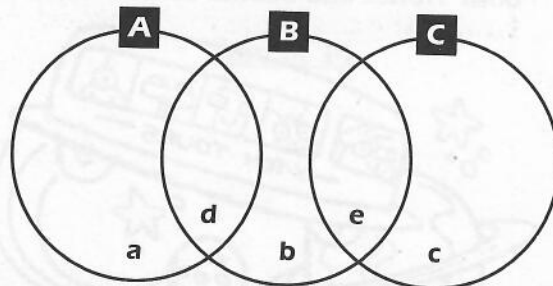


Use a calculator to solve the problems.

- 1** There are pictures of horses in the circles on the wall of the old cave. There are 25 horses in circle A, 46 horses in circle B, and 40 horses in circle C. Fifteen of the horses are in both circles A and B. Eleven of the horses are in both circles B and C. How many horses are in the circles?



- 2** There are pictures of cows in the circles on the wall of the old cave. There are 42 cows in circle A, 71 cows in circle B, and 45 cows in circle C. Twelve of the cows are in both circles A and B. Seventeen of the cows are in both circles B and C. How many cows are in the circles?





Linking Circles - 6

- 1** The children played games and ate hamburgers, hot dogs, and potato salad at the Fourth-of-July Picnic. Twenty-seven children ate hamburgers, and 25 children ate hot dogs. Twelve of these children ate both hamburgers and hot dogs. How many children were at the picnic?

- 2** Mary did a survey to find out if people had tasted her three favorite cereals. She found that 10 people had tasted Jiffy Jumbles, 18 people had tasted Critter Chips, and eight people had tasted Teddy Toasties. There were seven people who had tasted Jiffy Jumbles and Critter Chips, and two people who had tasted Critter Chips and Teddy Toasties. How many people took part in Mary's survey?

- 3** The spaceship X-ton offered free trips to Numba, Tronex, and Sentra. Twenty-four robotons visited Numba, 34 robotons visited Tronex, and 23 robotons visited Sentra. Fourteen of these robotons visited both Numba and Tronex, and 11 robotons visited both Tronex and Sentra. How many robotons took advantage of the free trips on X-ton?

