

Shipment	Number of Defective Chips in the Shipment	Total Number of Chips in the Shipment
S1	2	5,000
S2	5	12,000
S3	6	18,000
S4	4	16,000

A computer chip manufacturer expects the ratio of the number of defective chips to the total number of chips in all future shipments to equal the corresponding ratio for shipments S1, S2, S3, and S4 combined, as shown in the table above. What is the expected number of defective chips in a shipment of 60,000 chips?

- 14
- 20
- 22
- 24
- 25

