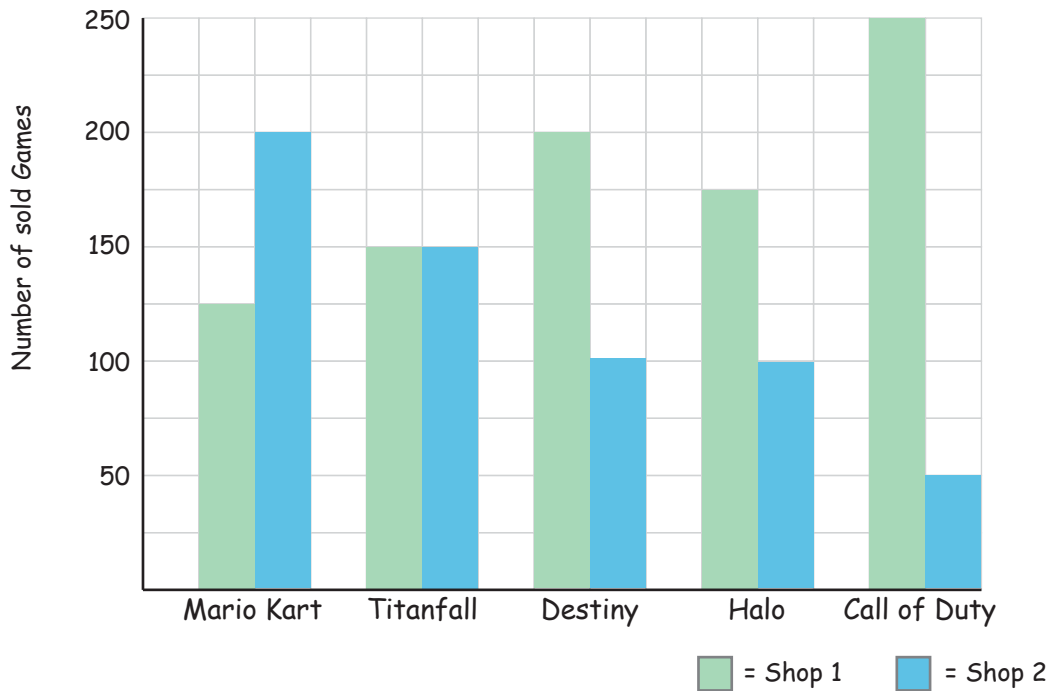


Popular Video Games

Name: _____ Score: _____

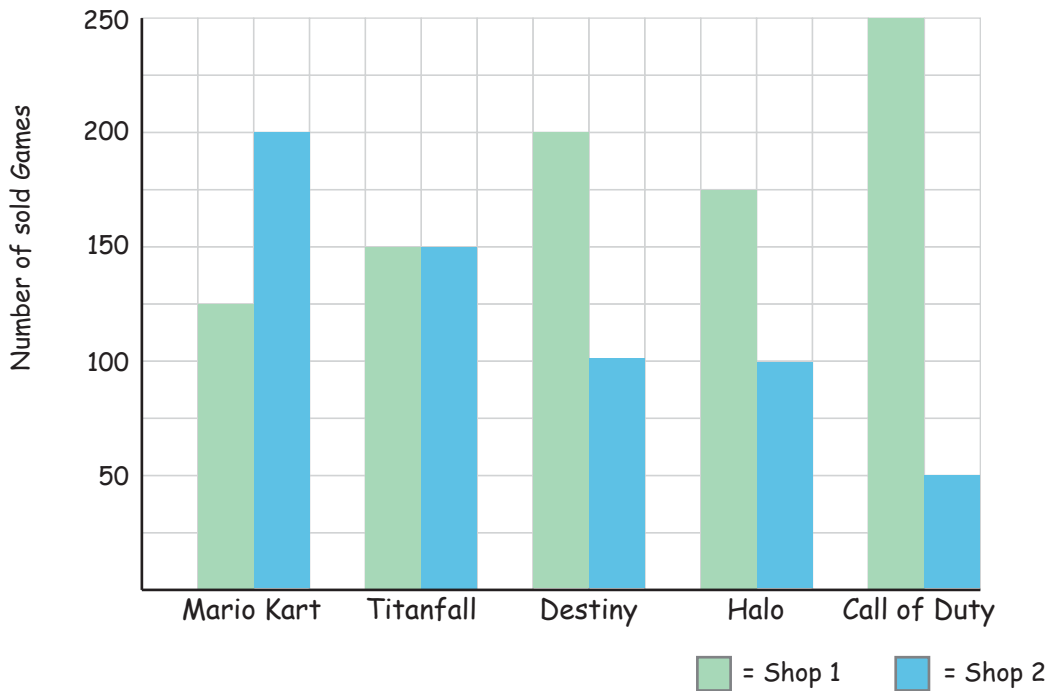
The following bar graph shows the sales of some video games in 2 shops in January. Use the information to answer the questions.



- 1) How many video games did both shops sell?
- 2) What percentage of all games was sold by shop 1?
- 3) What is the ratio of sold games by shop 1 to that of shop 2?
- 4) What is the ratio of sold Mario Kart games to the total number of games?
- 5) The average price of a game is \$12,50. How much money did the 2 shops earn on these 5 games altogether in January?
- 6) Shop 1 thinks it will sell 20% more games in February, while shop 2 thinks it will sell 10% less games. How many games will be sold in total in February?

Answers

The following bar graph shows the sales of some video games in 2 shops in January. Use the information to answer the questions.



1) How many video games did both shops sell?

1,500 games

2) What percentage of all games was sold by shop 1?

900 out of 1,500 is 60%

3) What is the ratio of sold games by shop 1 to that of shop 2?

3 : 2

4) What is the ratio of sold Mario Kart games to the total number of games?

13 : 60

5) The average price of a game is \$12,50. How much money did the 2 shops earn on these 5 games altogether in January?

1,500 x 12.50 equals \$18,750

6) Shop 1 thinks it will sell 20% more games in February, while shop 2 thinks it will sell 10% less games. How many games will be sold in total in February?

$(900 \times 1.2 + 600 \times 0.9) = 1,620$ games