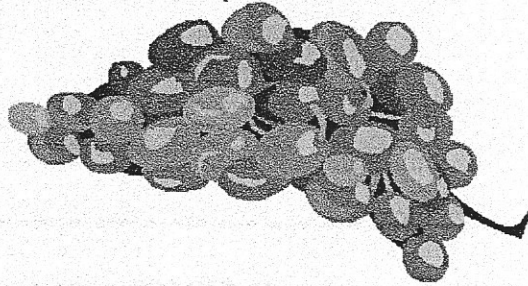


Unit 7E, Quiz 2

Shona ate 60 grapes yesterday. Today she eats 50% more than yesterday. How many grapes did she eat today?



John took 100 photographs last month. This month he took 15% more. How many photographs did he take this month?

What number is 50% more than 180?

Increase 650 by 16%.

Last time Orange Floyd released an album, 200 copies were downloaded in the first 24 hours. By the end of the first week fans had downloaded 36% more copies. How many albums had been downloaded in total at the end of the first week?

6. Calculate 46% of 73.3 giving your answer to one decimal place.

7. Find 8% of 2039.7 giving your answer to two decimal places.

8. There are 2700 pupils at Transum School. 28% of them say that they like Marmite. How many do not like Marmite?

 pupils

9. 1300 people took part in an experiment in which they are asked to choose their favourite animal to have as a pet. 2% of them chose a cat. How many of them did not choose a cat?

 people

10. If there are 7.147 billion people in the world and 25% are sleeping right now calculate how many people are awake giving your answer in millions to the nearest million.

 million

Use simple interest to find the ending balance.

1) \$34,100 at 4% for 3 years

2) \$210 at 8% for 7 years

3) \$4,000 at 3% for 4 years

4) \$20,600 at 8% for 2 years

5) \$14,000 at 6% for 9 years

6) \$2,300 at 7% for 9 years