Grade 8: Review of Past Outcomes

1. What is the side length of a square with area of 25cm2?
2. What is the square of 3?
3. A rectangular carpet measures 7.2m by 5.5m. Calculate the length of the diagonal.
4. Find the product. (+5)(-3)
5. 24+4(-7)
6. (-4)x(-15)÷6
7. Expand 8(4-t)
8. -24=4(z+5)
9. This graph shows the linear relation y=2x+1. Write the ordered pair for the point Q.



1. Complete the table of values for the linear relation y=-2x+11



1. Write 9% as a decimal.
2. Write this fraction as a percent.
3. A number is decreased from 67 to 27. Find the decrease as a percent.
4. During a 20% off sale, the sale price of a pair of jeans was $58.99. What was the regular price of the pair of jeans?
5. Write a unit rate for this statement. 472km travelled in 8h.
6. The ratio of boys to girls in the band is 7 : 5. If there are 36 students in the band, how many are girls?
7. A large basket of fruit contains 3 oranges, 2 apples, and 5 bananas. If a piece of fruit is chosen at random, replaced, and then a second piece of fruit is chosen at random. What is the probability of getting an orange and then a banana?