* P= part value, B= base value, r= percent
* P = (Example: What is 20% of 235?)
* B = (Example: 75 is 12% of what number?)
* R = (Example: What percent is 12 of 56?)

1. A store selling chocolate bars wants to increase the $1.20 price by 22%. What is the new price?
2. The local shoe store has a sale on – 15% off of all items. If you wanted a pair of running shoes that normally cost $84.75, what will the sale price be?
3. What percent is 13 of 135?
4. 205 is 32% of what number?
5. What percent is 25 of 28?
6. 565 is 132% of what number?

Answers:

1. A store selling chocolate bars wants to increase the $1.20 price by 22%. What is the new price?

P = P = p=$0.264

Therefore the new price would be $1.20 + $0.26 = $1.46

1. The local shoe store has a sale on – 15% off of all items. If you wanted a pair of running shoes that normally cost $84.75, what will the sale price be?

P = P = p=$12.7125

Therefore the sale price of the shoes will be $84.75 - $12.7125 =$72.0375 (or $72.04 rounded)

1. What percent is 13 of 135?

R = R = R=9.629%

1. 205 is 32% of what number?

B = B = B=640.625

1. What percent is 25 of 28?

R = R = R=89.2857%

1. 565 is 132% of what number?

B = B = B=428.03