Unit Rate - Wholesale vs Retail - Answer Key

1. Electrical switches cost $5.16 wholesale. If the retail price is $7.14 each, how much would an electrician save over retail by buying 50 switches at the wholesale price?

50 \* $5.16 = $258

50 \* $7.14 = $357

$357-$258=$99

Savings of $99

1. A grocery store sells 3 pounds of green apples for $2.34 and 2 pounds of red apples for $1.86. Which apples have the better unit price?

Green: $2.34 ÷ 3 = $0.78 per pound

Red: $1.86 ÷ 2 = $0.93 per pound

Green apples have a better unit price

1. A pizza shop has 3 different offers. Offer A: 3 pizzas for $24, Offer B: 5 pizzas for $35, Offer C: 15 pizzas for $135. What is the better deal?

Offer A: $24 ÷ 3 = $8 per pizza

Offer B: $35 ÷ 5 = $6 per pizza

Offer C: $135 ÷ 15 = $9 per pizza

Offer B is the better deal

1. Car engines cost $2,000 wholesale. If the retail price is $4,000 each, how much would an automotive company save over retail by buying 20 motors at the wholesale price?

20 \* $2,000 = $40,000

20 \* $4,000 = $80,000

$80,000-$40,000=$40,000

Savings of $40,000

1. A shop is selling the same pens in two different packs. Which pack is better value for money and how much cheaper is it per pen? Pack A: 2 pens cost $3.20 Pack B: 3 pens cost $4.65.

Pack A: $3.20 ÷ 2 = $1.60 per pen

Pack B: $4.65 ÷ 3 = $1.55 per pen

Pack B is the better value. It is 5 cents cheaper per pen.