Decimal Multiplication Word Problems

Aim: to solve problems involving the multiplication of single digit decimals.

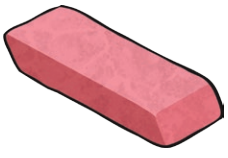
1. Pencils cost a school $0.07 each. A box holds 12 pencils. How much do 2 boxes cost the school?

2. A set of miniature gauge railway track contains 18 pieces that are 0.3m long. How long would the railway be when all the pieces of track are put together?

3. A shop buys a box of 72 mini chocolate bars from a wholesaler for $0.05 each. How much does the box cost?

4. Small boxes of sultanas weigh 0.06kg each. How much will 54 boxes weigh?

5. A stationary shop buys rubbers for $0.03 each and sells them for $0.07. If the shop sells 123 in a month, what profit is made on the rubbers?



6. A hospital buys bottles of medicine. Each bottle contains 0.6 litres of medicine. How much medicine will be in a case of 15 bottles?

Decimal Multiplication Word Problems **Answers**

1. Pencils cost a school $0.07 each. A box holds 12 pencils. How much do 2 boxes cost the school?

$1.68

2. A set of miniature gauge railway track contains 18 pieces that are 0.3m long. How long would the railway be when all the pieces of track are put together?

5.4m

3. A shop buys a box of 72 mini chocolate bars from a wholesaler for $0.05 each. How much does the box cost?

$3.60

4. Small boxes of sultanas weigh 0.06kg each. How much will 54 boxes weigh?

3.24kg

5. A stationary shop buys rubbers for $0.03 each and sells them for $0.07. If the shop sells 123 in a month, what profit is made on the rubbers?

$4.92

6. A hospital buys bottles of medicine. Each bottle contains 0.6 litres of medicine. How much medicine will be in a case of 15 bottles?

9 litres