FINANCIAL MATHEMATICS

<\_\_\_question>

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Kate sells shoes. Her commission is based on a sliding scale of 6% on the first $1200 of her sales, 3.5 % on the next $500, and 2% thereafter.

What is Kate’s commission when her total sales are $2830 ?

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[A]

<\_\_\_question>

Type=1

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The price of a can of beans with a mass of 440g is $2.60. Which of these is the calculation used to find the cost, in dollars, per 100g?

<\_block>

[A] 440 ÷ 2.6

<\_block>

[B] 4.4 ÷ 260

<\_block>

[C] 2.6 ÷ 440

<\_block>

[D] 2.6 ÷ 4.4

<\_block>

[D]

<\_\_\_question>

Type=1

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A cruise is discounted by $2460 from an original price of $9820. What is the discounted price of the cruise?

<\_block>

[A] $ 4900

<\_block>

[B] $ 7306

<\_block>

[C] $ 7360

<\_block>

[D] $12 280

<\_block>

[C]

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Type=1

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Which of these is the amount of simple interest earned on a deposit of $650 at 3% p.a. over 4 years?

<\_block>

[A] $ 78

<\_block>

[B] $ 87

<\_block>

[C] $ 728

<\_block>

[D] $ 780

<\_block>

[A]

<\_\_\_question>

A vacuum cleaner priced at $560 is discounted by $112.

What is the discount expressed as a percentage?

<\_block>

[A] 4.48%

<\_block>

[B] 15%

<\_block>

[C] 20%

<\_block>

[D] 80%

<\_block>

[C]

<\_\_\_question>

Type=1

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Which of these is closest to the amount of compound interest earned if $8600 Is invested for 6 months at a rate of 0.8% per month?

<\_block>

[A] $421

<\_block>

[B] $486

<\_block>

[C] $493

<\_block>

[D] $9021

<\_block>

[A]

<\_\_\_question>

Type=1

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Which of these is equal to the value of 0.175 x 1430 x 4?

<\_block>

[A] 1001

<\_block>

[B] 1434.17

<\_block>

[C] 1434.175

<\_block>

[D] 1749

<\_block>

[A]

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Which of these is the largest amount?

<\_block>

[A] $1330/week

<\_block>

[B] $2580/fortnight

<\_block>

[C] $5680/month

<\_block>

[D] $68 520/year

<\_block>

[A]

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Type=1

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In a sale, a wok is discounted from $89 to $75.65. Which of these is the percentage discount in the price of the wok ?

<\_block>

[A] 13%

<\_block>

[B] 14%

<\_block>

[C] 15%

<\_block>

[D] 20%

<\_block>

[C]

<\_\_\_question>

Type=1

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All workers at a factory received a pay raise of 1.8%. If William received a pay raise of $32.94 per fortnight, which of these is his new fortnightly pay?

<\_block>

[A] $1797.06

<\_block>

[B] $1830.00

<\_block>

[C] $1858.74

<\_block>

[D] $1862.94

<\_block>

[D]